

Oracle® On Track Communication

Analytics Guide

Release 1 (1.0)

E20960-01

June 2011

Oracle On Track Communication Analytics Guide Release 1 (1.0)

E20960-01

Copyright © 2011, Oracle and/or its affiliates. All rights reserved.

Primary Author: Reza Rokni

Contributing Author: Karen Orozco

Contributor: Frederic Daurelle, Bhanu Cherukuri

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation shall be subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License (December 2007). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

This software is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications which may create a risk of personal injury. If you use this software in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure the safe use of this software. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software in dangerous applications.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

This software and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

Contents

Preface	v
Audience	v
Documentation Accessibility	v
Related Documents	v
Conventions	vi
 1 System Reporting API	
Overview	1-1
Accessing System Information	1-1
JMX	1-1
Example(s)	1-1
 2 Oracle On Track Business Views	
Overview of Business Views	2-1
Business Views for Oracle On Track	2-1
xcontent_rv	2-2
Basic query for this view	2-3
xcontentobjects_rv	2-3
Basic query for this view	2-3
xcontentsizes_rv	2-4
Basic query for this view	2-4
xuser_rv	2-4
Basic query for this view	2-4
xusernames_s_rv	2-5
Basic query for this view	2-5
Security Considerations	2-5
 A An example of using Materialized Views in a Reporting environment	
Overview	A-1
Materialized Views for Oracle On Track	A-1
 B Statistics MBean Objects	

Preface

Oracle On Track Communication Analytics Guide describes the business reporting features of Oracle On Track Communication.

Audience

Oracle On Track Communication Analytics Guide is intended for developers, database administrators or others who need to obtain system and application data from Oracle On Track Communication to generate statistical reports.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Related Documents

For more information, see the following documents in the Oracle On Track Communication Release 1.0 documentation set:

- *Oracle On Track Communication Administration Console Help*
- *Oracle On Track Communication Installation Guide*
- *Oracle On Track Communication Administrator's Guide*
- *Oracle On Track Communication Security Guide*
- *Oracle On Track Communication Developer's Guide*
- *Oracle On Track Communication SDK Documentation*
- *Oracle On Track Communication Licensing Information*
- *Oracle On Track Communication Release Notes*

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

System Reporting API

This chapter describes the method to access the system information of the Oracle On Track Communication server.

Overview

The Oracle On Track Communications server provides a wealth of dynamic and historical system information about the health and status of the server.

Developers or system administrators can access Oracle On Track system information to verify the Oracle On Track server usage and resource status.

Accessing System Information

The Oracle On Track system information can be accessed using Java Management Extensions (JMX).

This section describes and provides some examples on how to use JMX for Oracle On Track.

JMX

You can use a JMX client to connect to the Oracle On Track domain and access the MBean data available in the domain to retrieve system information.

Note: To be able to access the MBean data, the JMX client must work with WLS 10.3.x.

Example(s)

This example shows how to get the Statistics MBean Object list using the WebLogic Scripting Tool (WLST).

```
wls:/offline> connect();
Please enter your username [weblogic] :
Please enter your password [welcome1] :
Please enter your server URL [t3://localhost:7001] :
Connecting to t3://localhost:7001 with userid weblogic ...
Successfully connected to Admin Server 'AdminServer' that belongs to domain 'ot_
domain'.
Warning: An insecure protocol was used to connect to the server. To ensure
on-the-wire security, the SSL port or Admin port should be used instead.
wls:/ot_domain/serverConfig> custom();
wls:/ot_domain/custom> cd ('OnTrack(1.0.0.0).Statistics');
```

```
wls:/ot_domain/custom/OnTrack(1.0.0.0).Statistics>ls();
...
drw- OnTrack(1.0.0.0).Statistics:type=SystemStatistics
drw- OnTrack(1.0.0.0).Statistics:type=UserStatistics
....
```

Note: This example only list two MBean objects, *SystemStatistics* and *UserStatistics*. To see a complete list of the available Statistics MBean objects, refer to [Appendix B](#).

The following is an example that displays UserStatistics information using the WebLogic Scripting Tool(WLST).

```
wls:/offline> connect();
Please enter your username [weblogic] :
Please enter your password [welcome1] :
Please enter your server URL [t3://localhost:7001] :
Connecting to t3://localhost:7001 with userid weblogic ...
Successfully connected to Admin Server 'AdminServer' that belongs to domain 'ot_
domain'.
Warning: An insecure protocol was used to connect to the server. To ensure
on-the-wire security, the SSL port or Admin port should be used instead.
wls:/ot_domain/serverConfig> custom();
wls:/ot_domain/custom> cd ('OnTrack(1.0.0.0).Statistics');
cd ('OnTrack(1.0.0.0).Statistics:type=UserStatistics');
wls:/ot_
domain/custom/OnTrack(1.0.0.0).Statistics/OnTrack(1.0.0.0).Statistics:type=UserSta
tistics> ls();
-r-- DisabledUsers                                0
-r-- EnabledUsers                                8
-r-- NonverifiedUsers                             0
```

Oracle On Track Business Views

This chapter describes the different Business Views available for Oracle On Track Communication and an approach suggested to access these Business Views.

This chapter includes the following sections:

- [Overview of Business Views](#)
- [Business Views for Oracle On Track](#)
- [Security Considerations](#)

Overview of Business Views

The Oracle On Track Business Views are a collection of Oracle Database Views which are provided within the On Track schema to facilitate statistical reporting data. A Business View is used to obtain information about how users use the application rather than about the health and status of the system that is presented in the [System Reporting API](#) chapter of this document.

Database administrators can query an Oracle On Track Business View to obtain statistical reports based on the Oracle On Track application data. These reports are analyzed to understand application use.

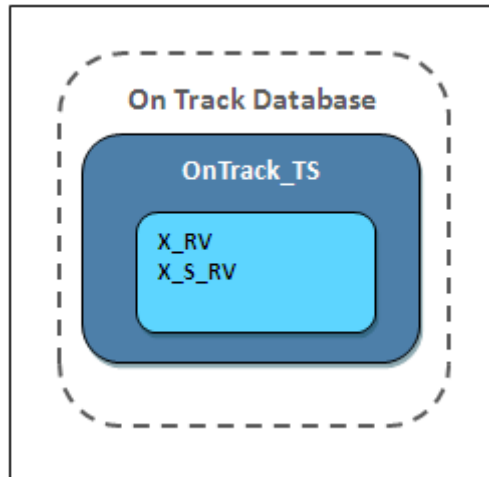
Business Views for Oracle On Track

This section presents the details of the supported business views for Oracle On Track Communication and some basic SQL statements to retrieve data using the On Track business views.

Two types of business views are created in the On Track schema:

- Regular Reporting Views (X_RV)
The names of these views end with `_rv`. Results of Regular Reporting Views do not contain sensitive information.
- Sensitive Reporting Views (X_S_RV)
The names of these views end with `_s_rv`. Results of Sensitive Reporting Views include sensitive information that, for Oracle On Track Business Views, refers to user content.

Note: The only user content that is exposed in R1.0 is user names.



The following Oracle On Track Business Views are created in the On Track schema during the installation process as part of the On Track Schema component:

- [xcontent_rv](#)
- [xcontentobjects_rv](#)
- [xcontentsizes_rv](#)
- [xuser_rv](#)
- [xusernames_s_rv](#)

To have a better understanding of the information that can be retrieved using Oracle On Track Business Views, the following list presents a brief description of some columns used in the different business views:

- OBJECTID: The Unique ID of the Object.
 - OBJECTTYPE: The Object Type in the format waggle/<type>, e.g. waggle/conversation.
 - TRACKID: Unique ID of the track that the object belongs to.
- CONVERSATIONID: Unique ID of the conversation that the object belongs to.
- PARENTID: The PARENTID of the Object, this can be used as a predicate with OBJECTID.
- LASTCONNECTEDDATE: Last time the user connected to the system.
- LASTDISCONNECTEDDATE: Last time the user disconnected to the system. This can sometimes be smaller than the last connecteddate if the user is currently logged in.

xcontent_rv

This view contains top-level Objects like Conversation, as well as versions of other object types. Working with this view is more complex in terms of sql queries.

The following table displays the column properties for this view:

Name	Null?	Type
objectid	NOT NULL	NUMBER(38)

Name	Null?	Type
objecttype	NOT NULL	VARCHAR2(64 CHAR)
trackid		NUMBER(38)
conversationid		NUMBER(38)
createdtimestamp		TIMESTAMP(6)
cratedbyid		NUMBER(38)
createdonbehalfofid		NUMBER(38)
parentobjecttype	NOT NULL	VARCHAR2(64 CHAR)
contentmimetype	NOT NULL	VARCHAR2(255 CHAR)
parentid		NUMBER(38)

Basic query for this view

The following SQL statement gets the number of each type of object available in the Oracle On Track Communication system.

```
SELECT COUNT(*) , objecttype
FROM xcontent_rv
GROUP BY objecttype;
```

xcontentobjects_rv

This view provides is a flattened view of the XCONTENT_RV and can be used for simpler queries. In the XCONTENTOBJECTS_RV the type of waggle/version is removed and is designated using ISVERSION.

The following table displays the column properties for this view:

Name	Null?	Type
objectid	NOT NULL	NUMBER(38)
objecttype		VARCHAR2(64 CHAR)
createdonbehalfofid		NUMBER(38)
isversion		CHAR(1)
trackid		NUMBER(38)
conversationid		NUMBER(38)
createdstamp		TIMESTAMP(6)
parentobjecttype	NOT NULL	VARCHAR2(64 CHAR)
ccontentmimetype	NOT NULL	VARCHAR2(255 CHAR)
parentid		NUMBER(38)

Basic query for this view

The following SQL statement gets the number of each type of object available in the Oracle On Track Communication system.

```
SELECT COUNT(*) , objecttype
FROM xcontentobjects_rv
GROUP BY objecttype;
```

xcontentsizes_rv

This view is similar to XCONTENT_RV but also include length information.

The following table displays the column properties for this view:

Name	Null?	Type
objectid	NOT NULL	NUMBER(38)
objecttype	NOT NULL	VARCHAR2(64 CHAR)
trackid		NUMBER(38)
conversationid		NUMBER(38)
createdtimestamp		TIMESTAMP(6)
cratedbyid		NUMBER(38)
createdonbehalfid		NUMBER(38)
parentobjecttype	NOT NULL	VARCHAR2(64 CHAR)
contentmimetype	NOT NULL	VARCHAR2(255 CHAR)
contentbloblength		NUMBER
parentid		NUMBER(38)

Basic query for this view

The following SQL statement gets the total size of the objecttype present in the Oracle On Track Communication system.

```
SELECT SUM(contentbloblength), objecttype
FROM xcontentsizes_rv
GROUP BY objecttype
HAVING SUM(contentbloblength)>0;
```

xuser_rv

This view contains information about the users in Oracle On Track Communication as well as their log in and log out status.

The following table displays the column properties for this view:

Name	Null?	Type
objectid	NOT NULL	NUMBER(38)
lastconnecteddate		TIMESTAMP(6)
lastdisconnecteddate		TIMESTAMP(6)

Basic query for this view

The following SQL statement shows the number of users connected in the last month.

```
SELECT COUNT(*) FROM xuser_rv
WHERE lastconnecteddate > ADD_MONTHS(sysdate,-1);
```

Note: If the user is still connected the last disconnected date can actually be smaller than the last connected date.

xusernames_s_rv

This is a sensitive view that provides the names of the users in Oracle On Track Communication.

Name	Null?	Type
objectid	NOT NULL	NUMBER(38)
name		VARCHAR2(256 CHAR)

Basic query for this view

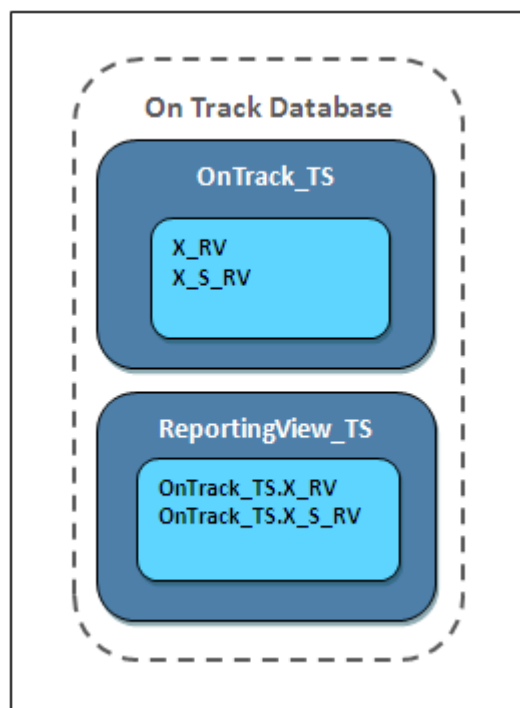
The following SQL statement gets the objectid of your admin user. The objectid of the your admin user can then be used in another SQL statement to remove your admin user from statistical reports.

```
SELECT objectid FROM xusernames_s_rv WHERE name='<your_admin_user>';
```

Security Considerations

In order to provide good analytical data, Oracle On Track Business Views were created to expose Oracle On Track Communication data stored in the On Track schema to Business Intelligence Systems.

In order to meet with reporting and security requirements, the approach suggested for Oracle On Track Communication is the creation of a new Reporting View schema. This approach involves the creation of a tablespace and a new user with the necessary privileges to access the Oracle On Track Business Views.



The following steps explain how to follow the suggested approach:

1. Create a new tablespace.

As a user with SYSDBA privileges, create a tablespace in the Oracle On Track Communication database matching the schema prefix from your install. This example creates a tablespace named DEV_ONTRACK_REPORTINGVIEW_TS.

```
SQL> create tablespace DEV_ONTRACK_REPORTINGVIEW_TS;
```

2. Create temporary tablespace.

```
SQL> create temporary tablespace DEV_ONTRACK_REPORTINGVIEW_TEMP;
```

3. Create a new user and add privileges.

- a. As a user with SYSDBA privileges, create a new user and set the new tablespaces as the default tablespace for this user. This example creates a user named DEV_ONTRACK_REPORTINGVIEW.

```
SQL> create user DEV_ONTRACK_REPORTINGVIEW default tablespace DEV_ONTRACK_
REPORTINGVIEW_TS temporary tablespace DEV_ONTRACK_REPORTINGVIEW_TEMP
identified by <user_password>;
```

- b. As a user with DBA privileges, grant CONNECT permission to the user created in step 3a. This example grants the CONNECT permission to a user named DEV_ONTRACK_REPORTINGVIEW.

```
SQL> grant connect to DEV_ONTRACK_REPORTINGVIEW;
```

- c. As a user with SYSDBA privileges, grant CREATE SYNONYM permission to the user created in step 3a. This example grants the CREATE SYNONYM permission to user named DEV_ONTRACK_REPORTINGVIEW.

```
SQL> grant create synonym to DEV_ONTRACK_REPORTINGVIEW;
```

- d. As an On Track schema user, for example DEV_ONTRACK, grant SELECT permission on Oracle On Track Business View for the user created in step 3a. These examples grants the SELECT permission to user named DEV_ONTRACK_REPORTINGVIEW to all Oracle On Track Business Views.

Note: Grant select permission to username_s_rv if you wish to allow access to user content.

```
SQL> grant select on xcontent_rv to DEV_ONTRACK_REPORTINGVIEW;
SQL> grant select on xcontentobjects_rv to DEV_ONTRACK_REPORTINGVIEW;
SQL> grant select on xcontentsizes_rv to DEV_ONTRACK_REPORTINGVIEW;
SQL> grant select on xuser_rv to DEV_ONTRACK_REPORTINGVIEW;
SQL> grant select on usernames_s_rv to DEV_ONTRACK_REPORTINGVIEW;
```

- e. As the user created in step 3a, create synonyms for the Oracle On Track Business Views. These examples create synonyms of On Track Business Views in the DEV_ONTRACK schema.

Note: Create synonym for <prefixOnTrack_schema>. username_s_rv if you wish to allow access to user content..

```
SQL> create synonym xcontent_rv for DEV_ONTRACK.xcontent_rv;
SQL> create synonym xcontentobjects_rv for DEV_ONTRACK.xcontentobjects_rv ;
SQL> create synonym xcontentsizes_rv for DEV_ONTRACK.xcontentsizes_rv ;
SQL> create synonym xuser_rv for DEV_ONTRACK.xuser_rv ;
SQL> create synonym usernames_s_rv for DEV_ONTRACK.usernames_s_rv;
```

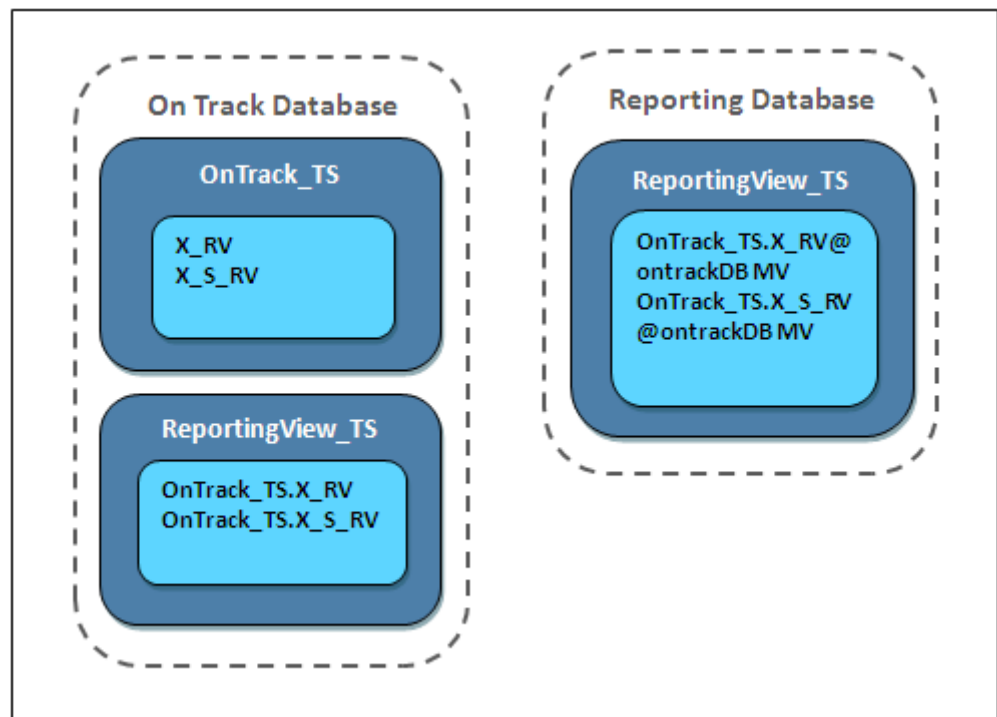
- f. As SYSDBA, revoke the create synonym privilege from the user created in step 2.a. In this example the privilege is revoked from DEV_ONTRACK_REPORTINGVIEW user.

```
SQL> revoke create synonym from DEV_ONTRACK_REPORTINGVIEW;
```

In General, data mining queries can be expensive and running these queries in the Oracle On Track Communication database can cause performance issues.

There are a wealth of options available in controlling the amount of resources used in querying the views including the use of Oracle's Database Resource Manager.

One approach would be to create Materialized Views that are synced once a week during a off peak time. The following figure is a graphical representation of the use of Materialized Views in a separate Reporting database working with the Reporting View schema, for further details on this approach refer to [Appendix A](#).



An example of using Materialized Views in a Reporting environment

This appendix describes the process of creating materialized views for Oracle On Track Communication. The use of materialized views is strongly recommended to assist with potential performance issues.

This appendix includes the following sections:

- [Overview](#)
- [Materialized Views for Oracle On Track](#)

Overview

The SQL aggregate functions often used in data mining can impact the database performance of an online transaction processing (OLTP) environment like Oracle On Track Communication. In order to avoid this negative performance hit, Oracle On Track Communication looks at implementations of materialized views.

Unlike an ordinary Oracle Database View which does not contain any data, a materialized view is an Oracle Database object that contains the results of a query. Materialized views can be stored in the same database as their base tables or views, or in a separate database.

The materialized views described in this appendix are created in a separate Reporting database. These materialized views store data based on the result of a remote query to an Oracle On Track Business View working in the Reporting View schema. This approach uses a Database Link to query Oracle On Track Business Views remotely. The use of Database Link don't improve performance but it does help with maintenance in a Reporting environment.

Note: For a very large deployment, the use of Materialized Views from a Database Link suggested in this appendix may no longer be practical as this mandates a Complete refresh.

Materialized Views for Oracle On Track

This section mentions the steps to create some Materialized Views that could be useful for Oracle On Track Communication.

These materialized views are created in a separate Reporting database and the process involves the creation of: new user to create the materialized views, the creation of the

database link connection, and the creation of the Materialized Views in the Reporting database.

Note: These steps describes an example of the process for creating Materialized Views for Oracle On Track Communication, administrators will need to adjust them based on their deployments requirements.

For more information on Materialized Views, please refer to the information available in *Oracle Database Data Warehousing Guide* and *Oracle Database Advanced Replication*.

1. As a user with SYSDBA privileges, create a tablespace in the Reporting database matching the schema prefix from your Oracle On Track Communication install. This example creates a tablespace named DEV_ONTRACK_REPORTING_MV_TS.

```
SQL> create tablespace DEV_ONTRACK_REPORTING_MV_TS;
```

2. As a user with SYSDBA privileges, create a temporary tablespace. This example creates a temporary tablespace named DEV_ONTRACK_REPORTING_TEMP_MV

```
SQL> create temporary tablespace DEV_ONTRACK_REPORTING_TEMP_MV;
```

3. Create a new user. This example creates a user named DEV_ONTRACK_REPORTING_MV.

```
SQL> create user DEV_ONTRACK_REPORTING_MV default tablespace DEV_ONTRACK_
REPORTING_MV_TS temporary tablespace DEV_ONTRACK_REPORTING_MV_TEMP identified
by <user_password>;
```

4. Grant the following permissions the user created in step 3: CONNECT, CREATE DATABASE LINK, CREATE SYNONYM, CREATE MATERIALIZED VIEW, CREATE VIEW, CREATE TABLE.

```
SQL> grant connect to DEV_ONTRACK_REPORTING_MV;
SQL> grant create synonym to DEV_ONTRACK_REPORTING_MV;
SQL> grant create database link to DEV_ONTRACK_REPORTING_MV;
SQL> grant create materialized view to DEV_ONTRACK_REPORTING_MV;
SQL> grant create view to DEV_ONTRACK_REPORTING_MV;
SQL> grant create table to DEV_ONTRACK_REPORTING_MV;
```

5. Change the quota for the user created in step 3. This example changes the quota to 2000M on the new tablespace DEV_ONTRACK_REPORTING_MV_TS.

Note: The quota value of 2000M may need to change dependent on the deployment. However, this value doesn't equal the used space on the Oracle On Track Communication server as content information is not going to be reproduced.

```
SQL> alter user DEV_ONTRACK_REPORTING_MV quota 2000M on DEV_ONTRACK_REPORTING_
MV_TS;
```

6. Add a tnsnames entry to the Oracle On Track Communication database in the tnsname.ora file of the Reporting database server.

7. As the user created in step 3, create the database link to the Oracle On Track Communication database. Use the user of the Reporting View schema in the Oracle On Track database to connect.

```
SQL> create database link ontrack connect to DEV_ONTRACK_REPORTINGVIEW
identified by <user_password> using 'ontrack';
```

8. As the user created in step 3, create synonyms for the Oracle On Track Business View. These examples create synonyms for Oracle On Track Business Views in the DEV_ONTRACK schema.

```
SQL> create synonym xcontent_rv for DEV_ONTRACK.xcontent_rv@OnTrack;
SQL> create synonym xcontentobjects_rv for DEV_ONTRACK.xcontentobjects_
rv@OnTrack;
SQL> create synonym xcontentsizes_rv for DEV_ONTRACK.xcontentsizes_rv@OnTrack;
SQL> create synonym xuser_rv for DEV_ONTRACK.xuser_rv@OnTrack;
SQL> create synonym xusernames_s_rv for DEV_ONTRACK.xusernames_s_rv@OnTrack;
```

9. As the user created in step 3, create the materialized views. The examples listed create materialized views using refresh intervals staggered to avoid refreshing all at the same time. The normal use case for this data does not require fully up to data results as the data is often used in reports generated on a period basis.

Note: Administrators should adjust the refresh dates to those outside of the normal peak working hours. For example, if the system operates in one timezone, administrators could set the refresh to midnight every weekend.

Note: These examples are for illustrative purposes, administrators will need to adjust them based on the deployments requirements. For more information on Materialized Views, refer to the information available in *Oracle Database Data Warehousing Guide* and *Oracle Database Advanced Replication*.

- To get the total number of users in Oracle On Track:

```
SQL> CREATE MATERIALIZED VIEW
XCountUser_MV
REFRESH COMPLETE
START WITH SYSDATE
NEXT TRUNC(SYSDATE + 7)
AS
(SELECT COUNT(objectid) AS "NbrUsers" FROM dev_ontrack_reporting_mv.xuser_
rv);
```

- To get the total number of objects in Oracle On Track per object type:

```
SQL> CREATE MATERIALIZED VIEW
XTrackInfo_MV
REFRESH COMPLETE
START WITH SYSDATE
NEXT NEXT_DAY(TRUNC(SYSDATE), 'SUNDAY')+1/96
AS
(SELECT COUNT(*), objecttype FROM dev_ontrack_reporting_mv.xcontentobjects_
rv GROUP BY objecttype);
```

- To get the number of objects created in Oracle On Track per object type and creation day:

```
SQL> CREATE MATERIALIZED VIEW
XTrackCreation_MV
REFRESH COMPLETE
START WITH SYSDATE
NEXT NEXT_DAY(TRUNC(SYSDATE), 'SUNDAY')+2/96
AS
(SELECT count(*), trunc(createdtimestamp,'DD'), objecttype FROM dev_
ontrack_reporting_mv.xcontentobjects_rv GROUP BY
trunc(createdtimestamp,'DD'), objecttype);
```

- To get the names of the users in Oracle On Track:

```
SQL> CREATE MATERIALIZED VIEW
Xusernames_s_MV
REFRESH COMPLETE
START WITH SYSDATE
NEXT trunc(SYSDATE+7)+2/96
AS
(SELECT * FROM dev_ontrack_reporting_mv.xusernames_s_rv);
```

- To get the number of objects created in Oracle On Track in the last 7 days per object type:

```
SQL> CREATE MATERIALIZED VIEW
XContentCount_7_Days
REFRESH COMPLETE
START WITH SYSDATE
NEXT trunc(SYSDATE+7)+3/96
AS
(SELECT COUNT(*) AS "Count" , objecttype AS Name FROM dev_ontrack_
reporting_mv.xcontentobjects_rv WHERE createdtimestamp > SYSTIMESTAMP-7
GROUP BY objecttype);
```

- To get the number of objects created in Oracle On Track per user:

```
SQL> CREATE MATERIALIZED VIEW
XContent_MV(createdbyid, parentobjecttype, contentbloblength)
REFRESH COMPLETE
START WITH SYSDATE
NEXT NEXT_DAY(TRUNC(SYSDATE), 'SUNDAY')+1/96
AS
(SELECT createdbyid,
        COUNT(*) as "COUNT",
        parentobjecttype
        FROM dev_ontrack_reporting_mv.xcontentobjects_rv
        GROUP BY createdbyid, parentobjecttype
);
```

- To get size information of the content created in Oracle On Track per object type:

```
SQL> CREATE MATERIALIZED VIEW
XContent_MV(parentobjecttype, contentbloblength, percentage)
REFRESH COMPLETE
START WITH SYSDATE
NEXT NEXT_DAY(TRUNC(SYSDATE), 'SUNDAY')+1/96
```

```

AS
(SELECT SUBSTR(parentobjecttype,8) AS "Type",
      SUM(contentbloblength) AS "Total Content Size",
      (SUM(contentbloblength)/(SELECT SUM(contentbloblength)
                                FROM xcontentsizes_rv
                                WHERE createdbyid IS NOT NULL))*100 AS
"Percentage"
      FROM dev_ontrack_reporting_mv.xcontentsizes_rv
      WHERE createdbyid IS NOT NULL
GROUP BY SUBSTR(parentobjecttype,8)
HAVING SUM(contentbloblength)>0
);

```

- To get the total of content created in Oracle On Track per object type, MIME content-type, and creation day:

```

SQL> CREATE MATERIALIZED VIEW
XTrackCreation_MV ("COUNT","CREATIONDATE","OBJECTTYPE","CONTENTMIMETYPE")
REFRESH COMPLETE
START WITH SYSDATE
NEXT NEXT_DAY(TRUNC(SYSDATE), 'SUNDAY')+2/96
AS
(SELECT COUNT(*), TRUNC(createdtimestamp,'DD'), objecttype, contentmimetype
FROM dev_ontrack_reporting_mv.xcontentobjects_rv GROUP BY
trunc(createdtimestamp,'DD'), objecttype, contentmimetype);

```

- To get information about Oracle On Track users as well as their log in and log out status:

```

SQL> CREATE MATERIALIZED VIEW
XUser_MV("OBJECTID","LASTCONNECTEDDATE","LASTDISCONNECTEDDATE")
REFRESH COMPLETE
START WITH SYSDATE
NEXT NEXT_DAY(TRUNC(SYSDATE), 'SUNDAY')
AS
(SELECT * FROM dev_ontrack_reporting_mv.XUSER_RV);

```

- To get new content created in Oracle On Track in the last 7 days.

```

SQL> CREATE MATERIALIZED VIEW
XNewContent_MV("NAME","COUNT_NEWCONTENT")
REFRESH COMPLETE
START WITH SYSDATE NEXT NEXT_DAY(TRUNC(SYSDATE), 'SUNDAY')+7/96
AS
(SELECT 'Conversation with new content' , count(distinct conversationid)
FROM dev_ontrack_reporting_mv.XCONTENT_RV WHERE objecttype =
'waggle/version' AND createdtimestamp > systimestamp - 7);

```

- To get users who have created new content in Oracle On Track in the last 7 days:

```

SQL> CREATE MATERIALIZED VIEW
XActiveUser_MV("USER_ACTIVE","OBJECTTYPE")
REFRESH COMPLETE
START WITH SYSDATE NEXT NEXT_DAY(TRUNC(SYSDATE), 'SUNDAY')+8/96
AS
(SELECT count(distinct createdbyid) AS "User Active" , objecttype AS
Objecttype
FROM dev_ontrack_reporting_mv.XCONTENT_RV WHERE objecttype IN

```

```
( 'waggle/version', 'waggle/file' , 'waggle/tag') AND createdtimestamp >
systimestamp - 7
GROUP BY objecttype);
```

- To get the size of the new content created in the last 7 days in Oracle On Track:

```
SQL> CREATE MATERIALIZED VIEW
XContentSizeNewFile_MV("CONTENTBLOBLLENGTH")
REFRESH COMPLETE
START WITH SYSDATE NEXT NEXT_DAY(TRUNC(SYSDATE), 'SUNDAY')+8/96
AS
(SELECT SUM(contentbloblength) AS "Total Content Size" FROM dev_ontrack_
reporting_mv.xcontentsizes_rv WHERE CREATEDTIMESTAMP > SYSTIMESTAMP - 7);
```

- To get size information of the content created in Oracle On Track per object type:

```
SQL> CREATE MATERIALIZED VIEW
XContent_MV("TYPE", "CONTENTSIZE", "COUNT" )
REFRESH COMPLETE
START WITH SYSDATE NEXT NEXT_DAY(TRUNC(SYSDATE), 'SUNDAY')+10/96
AS
(SELECT SUBSTR(parentobjecttype,8) AS "Type",
SUM(contentbloblength) AS "ContentSize",
COUNT(parentobjecttype) AS "Total"
FROM dev_ontrack_reporting_mv.xcontentsizes_rv
WHERE createdbyid IS NOT NULL
AND contentbloblength IS NOT NULL
GROUP BY SUBSTR(parentobjecttype,8)
HAVING SUM(contentbloblength)>0);
```

- To get size information of the content created in Oracle On Track per user and creation day:

```
SQL> CREATE MATERIALIZED VIEW
XUserContent_MV("USERID", "CONTENTSIZE", "CREATIONDATE")
REFRESH COMPLETE START WITH SYSDATE NEXT NEXT_
DAY(TRUNC(SYSDATE), 'SUNDAY')+12/96
AS
(SELECT createdbyid, ROUND(SUM(contentbloblength/1024/1024),6),
TRUNC(createdtimestamp, 'DD')
FROM dev_ontrack_reporting_mv.xcontentsizes_rv
WHERE createdbyid IS NOT NULL
AND contentbloblength IS NOT NULL
GROUP BY createdbyid, TRUNC(createdtimestamp, 'DD'));
```

- To get the detail of MIME content-type created in Oracle On Track per user:

```
SQL> CREATE MATERIALIZED VIEW
XUserContentType_MV("USERID", "TYPE", "COUNTTYPE")
REFRESH COMPLETE
START WITH SYSDATE NEXT NEXT_DAY(TRUNC(SYSDATE), 'SUNDAY')+13/96
AS(
SELECT createdbyid, REGEXP_SUBSTR(contentmimetype, '[^/]+',1,2),
COUNT(contentmimetype)
FROM dev_ontrack_reporting_mv.xcontentsizes_rv
WHERE createdbyid IS NOT NULL
GROUP BY createdbyid, REGEXP_SUBSTR(contentmimetype, '[^/]+',1,2));
```

Statistics MBean Objects

This appendix lists all the Statistics MBean objects available for Oracle On Track under *OnTrack(1.0.0.0).Statistic* when using WLST.

```
type=API
type=BackChannelConnectionStatistics
type=BackChannelServletStatistics
type=ConversationStatistics
type=DavHandler, name=COPY
type=DavHandler, name=DELETE
type=DavHandler, name=GET
type=DavHandler, name=HEAD
type=DavHandler, name=LOCK
type=DavHandler, name=MKCOL
type=DavHandler, name=MOVE
type=DavHandler, name=OPTIONS
type=DavHandler, name=PROPFIND
type=DavHandler, name=PROPPATCH
type=DavHandler, name=PUT
type=DavHandler, name=UNLOCK
type=Event, module=XActivityServerEventsImpl, name=notifyAnnotationDraftCommitted
type=Event, module=XActivityServerEventsImpl, name=notifyAnnotationDraftCreated
type=Event, module=XActivityServerEventsImpl, name=notifyAnnotationDraftDeleted
type=Event, module=XActivityServerEventsImpl, name=notifyAnnotationDraftUpdated
type=Event, module=XActivityServerEventsImpl, name=notifyArtifactCopied
type=Event, module=XActivityServerEventsImpl, name=notifyArtifactCreated
type=Event, module=XActivityServerEventsImpl, name=notifyArtifactDeleted
type=Event, module=XActivityServerEventsImpl, name=notifyArtifactNameChanged
type=Event, module=XActivityServerEventsImpl, name=notifyArtifactRemoved
type=Event, module=XActivityServerEventsImpl, name=notifyArtifactStateChanged
type=Event, module=XActivityServerEventsImpl, name=notifyArtifactUnremoved
type=Event, module=XActivityServerEventsImpl, name=notifyArtifactUpdated
type=Event, module=XActivityServerEventsImpl, name=notifyArtifactViewed
type=Event, module=XActivityServerEventsImpl, name=notifyBookmarkClosed
type=Event, module=XActivityServerEventsImpl, name=notifyBookmarkOpened
type=Event, module=XActivityServerEventsImpl, name=notifyBuzzClosed
type=Event, module=XActivityServerEventsImpl, name=notifyBuzzOpened
type=Event, module=XActivityServerEventsImpl, name=notifyChatCreated
type=Event, module=XActivityServerEventsImpl, name=notifyChatDeleted
type=Event, module=XActivityServerEventsImpl, name=notifyChatEdited
type=Event, module=XActivityServerEventsImpl, name=notifyChatForked
type=Event, module=XActivityServerEventsImpl, name=notifyChatRemoved
type=Event, module=XActivityServerEventsImpl, name=notifyChatUnremoved
type=Event, module=XActivityServerEventsImpl, name=notifyChatUpdated
type=Event, module=XActivityServerEventsImpl, name=notifyChatsAllRead
type=Event, module=XActivityServerEventsImpl, name=notifyChatsAllUnread
type=Event, module=XActivityServerEventsImpl, name=notifyChatsRead
```

```
type=Event,module=XActivityServerEventsImpl,name=notifyChatsUnread
type=Event,module=XActivityServerEventsImpl,name=notifyConversationAccessible
type=Event,module=XActivityServerEventsImpl,name=notifyConversationActiveConferencesChanged
type=Event,module=XActivityServerEventsImpl,name=notifyConversationCreated
type=Event,module=XActivityServerEventsImpl,name=notifyConversationDiscoverableChanged
type=Event,module=XActivityServerEventsImpl,name=notifyConversationEntered
type=Event,module=XActivityServerEventsImpl,name=notifyConversationExited
type=Event,module=XActivityServerEventsImpl,name=notifyConversationExternalIDsChanged
type=Event,module=XActivityServerEventsImpl,name=notifyConversationInaccessible
type=Event,module=XActivityServerEventsImpl,name=notifyConversationMemberActiveChanged
type=Event,module=XActivityServerEventsImpl,name=notifyConversationMembersChanged
type=Event,module=XActivityServerEventsImpl,name=notifyConversationMembershipAccepted
type=Event,module=XActivityServerEventsImpl,name=notifyConversationMembershipChanged
type=Event,module=XActivityServerEventsImpl,name=notifyConversationMembershipRejected
type=Event,module=XActivityServerEventsImpl,name=notifyConversationMembershipRequested
type=Event,module=XActivityServerEventsImpl,name=notifyConversationMembershipWithdrawn
type=Event,module=XActivityServerEventsImpl,name=notifyConversationMoved
type=Event,module=XActivityServerEventsImpl,name=notifyConversationMoving
type=Event,module=XActivityServerEventsImpl,name=notifyConversationNameChanged
type=Event,module=XActivityServerEventsImpl,name=notifyConversationProfileChanged
type=Event,module=XActivityServerEventsImpl,name=notifyConversationRemoved
type=Event,module=XActivityServerEventsImpl,name=notifyConversationStateChanged
type=Event,module=XActivityServerEventsImpl,name=notifyConversationUpdated
type=Event,module=XActivityServerEventsImpl,name=notifyConversationWatcherAdded
type=Event,module=XActivityServerEventsImpl,name=notifyConversationWatcherRemoved
type=Event,module=XActivityServerEventsImpl,name=notifyDocumentDeleted
type=Event,module=XActivityServerEventsImpl,name=notifyDocumentLocked
type=Event,module=XActivityServerEventsImpl,name=notifyDocumentRemoved
type=Event,module=XActivityServerEventsImpl,name=notifyDocumentUnlocked
type=Event,module=XActivityServerEventsImpl,name=notifyDocumentUnremoved
type=Event,module=XActivityServerEventsImpl,name=notifyFollowupClosed
type=Event,module=XActivityServerEventsImpl,name=notifyFollowupMarkedRead
type=Event,module=XActivityServerEventsImpl,name=notifyFollowupMarkedUnread
type=Event,module=XActivityServerEventsImpl,name=notifyFollowupOpened
type=Event,module=XActivityServerEventsImpl,name=notifyFollowupUpdated
type=Event,module=XActivityServerEventsImpl,name=notifyGroupCreated
type=Event,module=XActivityServerEventsImpl,name=notifyGroupDeleted
type=Event,module=XActivityServerEventsImpl,name=notifyGroupMembersChanged
type=Event,module=XActivityServerEventsImpl,name=notifyGroupNameChanged
type=Event,module=XActivityServerEventsImpl,name=notifyGroupUpdated
type=Event,module=XActivityServerEventsImpl,name=notifyHiveConfigurationUpdated
type=Event,module=XActivityServerEventsImpl,name=notifyHiveEntered
type=Event,module=XActivityServerEventsImpl,name=notifyHiveExit
type=Event,module=XActivityServerEventsImpl,name=notifyHiveExited
type=Event,module=XActivityServerEventsImpl,name=notifyHiveExited2
type=Event,module=XActivityServerEventsImpl,name=notifyHiveExiting
type=Event,module=XActivityServerEventsImpl,name=notifyHiveNameChanged
type=Event,module=XActivityServerEventsImpl,name=notifyHiveStateChanged
type=Event,module=XActivityServerEventsImpl,name=notifyHiveUpdated
type=Event,module=XActivityServerEventsImpl,name=notifyMute
type=Event,module=XActivityServerEventsImpl,name=notifyOffCall
```

```

type=Event,module=XActivityServerEventsImpl,name=notifyOnCall
type=Event,module=XActivityServerEventsImpl,name=notifyPasswordChanged
type=Event,module=XActivityServerEventsImpl,name=notifyPasswordResetRequested
type=Event,module=XActivityServerEventsImpl,name=notifyPasswordResetVerified
type=Event,module=XActivityServerEventsImpl,name=notifyReferenceAdded
type=Event,module=XActivityServerEventsImpl,name=notifyReferenceRemoved
type=Event,module=XActivityServerEventsImpl,name=notifySignupRequested
type=Event,module=XActivityServerEventsImpl,name=notifySignupVerified
type=Event,module=XActivityServerEventsImpl,name=notifySpeaking
type=Event,module=XActivityServerEventsImpl,name=notifyTagAdded
type=Event,module=XActivityServerEventsImpl,name=notifyTagCreated
type=Event,module=XActivityServerEventsImpl,name=notifyTagDeleted
type=Event,module=XActivityServerEventsImpl,name=notifyTagRemoved
type=Event,module=XActivityServerEventsImpl,name=notifyTagUpdated
type=Event,module=XActivityServerEventsImpl,name=notifyTaskAssigneesChanged
type=Event,module=XActivityServerEventsImpl,name=notifyTaskChanged
type=Event,module=XActivityServerEventsImpl,name=notifyTaskPrerequisitesChanged
type=Event,module=XActivityServerEventsImpl,name=notifyTrackAccessible
type=Event,module=XActivityServerEventsImpl,name=notifyTrackCreated
type=Event,module=XActivityServerEventsImpl,name=notifyTrackInaccessible
type=Event,module=XActivityServerEventsImpl,name=notifyTrackNameChanged
type=Event,module=XActivityServerEventsImpl,name=notifyTrackUpdated
type=Event,module=XActivityServerEventsImpl,name=notifyTyping
type=Event,module=XActivityServerEventsImpl,name=notifyUpdateConference
type=Event,module=XActivityServerEventsImpl,name=notifyUserCreated
type=Event,module=XActivityServerEventsImpl,name=notifyUserDeleted
type=Event,module=XActivityServerEventsImpl,name=notifyUserLoggedIn
type=Event,module=XActivityServerEventsImpl,name=notifyUserLoggedOut
type=Event,module=XActivityServerEventsImpl,name=notifyUserLoggingIn
type=Event,module=XActivityServerEventsImpl,name=notifyUserLoggingOut
type=Event,module=XActivityServerEventsImpl,name=notifyUserLoginInfo
type=Event,module=XActivityServerEventsImpl,name=notifyUserUpdated
type=Event,module=XActivityServerEventsImpl,name=notifyVersionAdded
type=Event,module=XActivityServerEventsImpl,name=notifyVersionDeleted
type=Event,module=XActivityServerEventsImpl,name=notifyVersionRemoved
type=Event,module=XActivityServerEventsImpl,name=notifyVersionRenditionsReady
type=Event,module=XActivityServerEventsImpl,name=notifyVersionUnremoved
type=Event,module=XActivityServerEventsImpl,name=notifyVersionUpdated
type=Event,module=XAggregateModuleServerEventsImpl,name=notifyAggregateCreated
type=Event,module=XAggregateModuleServerEventsImpl,name=notifyAggregateDeleted
type=Event,module=XAggregateModuleServerEventsImpl,name=notifyAggregateNameChanged
type=Event,module=XAggregateModuleServerEventsImpl,name=notifyAggregatePositionChanged
type=Event,module=XAggregateModuleServerEventsImpl,name=notifyAggregateTrackAdded
type=Event,module=XAggregateModuleServerEventsImpl,name=notifyAggregateTrackRemoved
type=Event,module=XAggregateModuleServerEventsImpl,name=notifyTrackMoved
type=Event,module=XAggregateModuleServerEventsImpl,name=notifyTrackPositionChanged
type=Event,module=XAnnotationModuleServerEventsImpl,name=notifyAnnotationDraftCommitted
type=Event,module=XAnnotationModuleServerEventsImpl,name=notifyAnnotationDraftCreated
type=Event,module=XAnnotationModuleServerEventsImpl,name=notifyAnnotationDraftDeleted
type=Event,module=XAnnotationModuleServerEventsImpl,name=notifyAnnotationDraftUpdated
type=Event,module=XApplicationSharingModuleServerEventsImpl,name=notifyNotSharing
type=Event,module=XApplicationSharingModuleServerEventsImpl,name=notifyNotViewing
type=Event,module=XApplicationSharingModuleServerEventsImpl,name=notifySharing
type=Event,module=XApplicationSharingModuleServerEventsImpl,name=notifyUpdateConference

```

```

rence
type=Event,module=XApplicationSharingModuleServerEventsImpl,name=notifyUpdating
type=Event,module=XApplicationSharingModuleServerEventsImpl,name=notifyViewing
type=Event,module=XArtifactModuleServerEventsImpl,name=notifyArtifactCopied
type=Event,module=XArtifactModuleServerEventsImpl,name=notifyArtifactCreated
type=Event,module=XArtifactModuleServerEventsImpl,name=notifyArtifactDeleted
type=Event,module=XArtifactModuleServerEventsImpl,name=notifyArtifactNameChanged
type=Event,module=XArtifactModuleServerEventsImpl,name=notifyArtifactRemoved
type=Event,module=XArtifactModuleServerEventsImpl,name=notifyArtifactStateChanged
type=Event,module=XArtifactModuleServerEventsImpl,name=notifyArtifactUnremoved
type=Event,module=XArtifactModuleServerEventsImpl,name=notifyArtifactUpdated
type=Event,module=XArtifactModuleServerEventsImpl,name=notifyArtifactViewed
type=Event,module=XBackChannelModuleServerEventsImpl,name=notifySendMessage
type=Event,module=XBookmarkModuleServerEventsImpl,name=notifyBookmarkClosed
type=Event,module=XBookmarkModuleServerEventsImpl,name=notifyBookmarkOpened
type=Event,module=XBroadcastModuleServerEventsImpl,name=notifyBroadcastToConversat
ion
type=Event,module=XBroadcastModuleServerEventsImpl,name=notifyBroadcastToHive
type=Event,module=XBroadcastModuleServerEventsImpl,name=notifyBroadcastToUser
type=Event,module=XBugsModuleServerEventsImpl,name=notifyUserLoggedIn
type=Event,module=XBugsModuleServerEventsImpl,name=notifyUserLoggedOut
type=Event,module=XBugsModuleServerEventsImpl,name=notifyUserLoggingIn
type=Event,module=XBugsModuleServerEventsImpl,name=notifyUserLoggingOut
type=Event,module=XBugsModuleServerEventsImpl,name=notifyUserLoginInfo
type=Event,module=XBuzzModuleServerEventsImpl,name=notifyBuzzClosed
type=Event,module=XBuzzModuleServerEventsImpl,name=notifyBuzzOpened
type=Event,module=XChatModuleServerEventsImpl,name=notifyChatCreated
type=Event,module=XChatModuleServerEventsImpl,name=notifyChatDeleted
type=Event,module=XChatModuleServerEventsImpl,name=notifyChatEdited
type=Event,module=XChatModuleServerEventsImpl,name=notifyChatForked
type=Event,module=XChatModuleServerEventsImpl,name=notifyChatRemoved
type=Event,module=XChatModuleServerEventsImpl,name=notifyChatUnremoved
type=Event,module=XChatModuleServerEventsImpl,name=notifyChatUpdated
type=Event,module=XChatModuleServerEventsImpl,name=notifyChatsAllRead
type=Event,module=XChatModuleServerEventsImpl,name=notifyChatsAllUnread
type=Event,module=XChatModuleServerEventsImpl,name=notifyChatsRead
type=Event,module=XChatModuleServerEventsImpl,name=notifyChatsUnread
type=Event,module=XChatModuleServerEventsImpl,name=notifyReferenceAdded
type=Event,module=XChatModuleServerEventsImpl,name=notifyReferenceRemoved
type=Event,module=XChatModuleServerEventsImpl,name=notifyTyping
type=Event,module=XConnectModuleServerEventsImpl,name=notifyUserLoggedIn
type=Event,module=XConnectModuleServerEventsImpl,name=notifyUserLoggedOut
type=Event,module=XConnectModuleServerEventsImpl,name=notifyUserLoggingIn
type=Event,module=XConnectModuleServerEventsImpl,name=notifyUserLoggingOut
type=Event,module=XConnectModuleServerEventsImpl,name=notifyUserLoginInfo
type=Event,module=XContactModuleServerEventsImpl,name=notifyContactAdded
type=Event,module=XContactModuleServerEventsImpl,name=notifyContactAddedToGroup
type=Event,module=XContactModuleServerEventsImpl,name=notifyContactRemoved
type=Event,module=XContactModuleServerEventsImpl,name=notifyContactRemovedFromGrou
p
type=Event,module=XConversationModuleServerEventsImpl,name=notifyChatCreated
type=Event,module=XConversationModuleServerEventsImpl,name=notifyChatDeleted
type=Event,module=XConversationModuleServerEventsImpl,name=notifyChatEdited
type=Event,module=XConversationModuleServerEventsImpl,name=notifyChatForked
type=Event,module=XConversationModuleServerEventsImpl,name=notifyChatRemoved
type=Event,module=XConversationModuleServerEventsImpl,name=notifyChatUnremoved
type=Event,module=XConversationModuleServerEventsImpl,name=notifyChatUpdated
type=Event,module=XConversationModuleServerEventsImpl,name=notifyChatsAllRead
type=Event,module=XConversationModuleServerEventsImpl,name=notifyChatsAllUnread
type=Event,module=XConversationModuleServerEventsImpl,name=notifyChatsRead

```

```
type=Event,module=XConversationModuleServerEventsImpl,name=notifyChatsUnread
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationAccess
sible
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationActive
ConferencesChanged
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationCreated
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationDiscover
ableChanged
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationEntered
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationExited
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationExternal
IDsChanged
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationInaccess
ible
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationMember
ActiveChanged
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationMembers
Changed
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationMembers
hipAccepted
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationMembers
hipChanged
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationMembers
hipRejected
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationMembers
hipRequested
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationMembers
hipWithdrawn
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationMoved
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationMoving
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationNameC
hanged
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationProfile
Changed
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationRemoved
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationState
Changed
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationUpdated
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationWatch
erAdded
type=Event,module=XConversationModuleServerEventsImpl,name=notifyConversationWatch
erRemoved
type=Event,module=XConversationModuleServerEventsImpl,name=notifyHiveConfiguration
Updated
type=Event,module=XConversationModuleServerEventsImpl,name=notifyHiveEntered
type=Event,module=XConversationModuleServerEventsImpl,name=notifyHiveExit
type=Event,module=XConversationModuleServerEventsImpl,name=notifyHiveExited
type=Event,module=XConversationModuleServerEventsImpl,name=notifyHiveExited2
type=Event,module=XConversationModuleServerEventsImpl,name=notifyHiveExiting
type=Event,module=XConversationModuleServerEventsImpl,name=notifyHiveNameChanged
type=Event,module=XConversationModuleServerEventsImpl,name=notifyHiveStateChanged
type=Event,module=XConversationModuleServerEventsImpl,name=notifyHiveUpdated
type=Event,module=XConversationModuleServerEventsImpl,name=notifyMute
type=Event,module=XConversationModuleServerEventsImpl,name=notifyOffCall
```

```
type=Event,module=XConversationModuleServerEventsImpl,name=notifyOnCall
type=Event,module=XConversationModuleServerEventsImpl,name=notifyReferenceAdded
type=Event,module=XConversationModuleServerEventsImpl,name=notifyReferenceRemoved
type=Event,module=XConversationModuleServerEventsImpl,name=notifySpeaking
type=Event,module=XConversationModuleServerEventsImpl,name=notifyTyping
type=Event,module=XConversationModuleServerEventsImpl,name=notifyUpdateConference
type=Event,module=XDeviceModuleServerEventsImpl,name=notifyConversationDeviceRemov
ed
type=Event,module=XDeviceModuleServerEventsImpl,name=notifyConversationDeviceUpdat
ed
type=Event,module=XDeviceModuleServerEventsImpl,name=notifyDeviceCreated
type=Event,module=XDeviceModuleServerEventsImpl,name=notifyDeviceRemoved
type=Event,module=XDeviceModuleServerEventsImpl,name=notifyDeviceUpdated
type=Event,module=XDistributionListModuleServerEventsImpl,name=notifyListCreated
type=Event,module=XDistributionListModuleServerEventsImpl,name=notifyListDeleted
type=Event,module=XDistributionListModuleServerEventsImpl,name=notifyListMembersCh
anged
type=Event,module=XDistributionListModuleServerEventsImpl,name=notifyListNameChang
ed
type=Event,module=XDocumentModuleServerEventsImpl,name=notifyDocumentDeleted
type=Event,module=XDocumentModuleServerEventsImpl,name=notifyDocumentLocked
type=Event,module=XDocumentModuleServerEventsImpl,name=notifyDocumentRemoved
type=Event,module=XDocumentModuleServerEventsImpl,name=notifyDocumentUnlocked
type=Event,module=XDocumentModuleServerEventsImpl,name=notifyDocumentUnremoved
type=Event,module=XDocumentModuleServerEventsImpl,name=notifyVersionAdded
type=Event,module=XDocumentModuleServerEventsImpl,name=notifyVersionDeleted
type=Event,module=XDocumentModuleServerEventsImpl,name=notifyVersionRemoved
type=Event,module=XDocumentModuleServerEventsImpl,name=notifyVersionRenditionsRead
ydrw-
OnTrack(1.0.0.0).Statistics:type=Event,module=XDocumentModuleServerEventsImpl,name
=notifyVersionUnremoved
type=Event,module=XDocumentModuleServerEventsImpl,name=notifyVersionUpdated
type=Event,module=XFollowupModuleServerEventsImpl,name=notifyFollowupClosed
type=Event,module=XFollowupModuleServerEventsImpl,name=notifyFollowupMarkedRead
type=Event,module=XFollowupModuleServerEventsImpl,name=notifyFollowupMarkedUnread
type=Event,module=XFollowupModuleServerEventsImpl,name=notifyFollowupOpened
type=Event,module=XFollowupModuleServerEventsImpl,name=notifyFollowupUpdated
type=Event,module=XGroupModuleServerEventsImpl,name=notifyGroupCreated
type=Event,module=XGroupModuleServerEventsImpl,name=notifyGroupDeleted
type=Event,module=XGroupModuleServerEventsImpl,name=notifyGroupMembersChanged
type=Event,module=XGroupModuleServerEventsImpl,name=notifyGroupNameChanged
type=Event,module=XGroupModuleServerEventsImpl,name=notifyGroupUpdated
type=Event,module=XHiveModuleServerEventsImpl,name=notifyHiveConfigurationUpdated
type=Event,module=XHiveModuleServerEventsImpl,name=notifyHiveEntered
type=Event,module=XHiveModuleServerEventsImpl,name=notifyHiveExit
type=Event,module=XHiveModuleServerEventsImpl,name=notifyHiveExited
type=Event,module=XHiveModuleServerEventsImpl,name=notifyHiveExited2
type=Event,module=XHiveModuleServerEventsImpl,name=notifyHiveExiting
type=Event,module=XHiveModuleServerEventsImpl,name=notifyHiveNameChanged
type=Event,module=XHiveModuleServerEventsImpl,name=notifyHiveStateChanged
type=Event,module=XHiveModuleServerEventsImpl,name=notifyHiveUpdated
type=Event,module=XHiveModuleServerEventsImpl,name=notifyUserLoggedIn
type=Event,module=XHiveModuleServerEventsImpl,name=notifyUserLoggedOut
type=Event,module=XHiveModuleServerEventsImpl,name=notifyUserLoggingIn
type=Event,module=XHiveModuleServerEventsImpl,name=notifyUserLoggingOut
type=Event,module=XHiveModuleServerEventsImpl,name=notifyUserLoginInfo
type=Event,module=XMailModuleServerEventsImpl,name=notifyUserLoggedIn
type=Event,module=XMailModuleServerEventsImpl,name=notifyUserLoggedOut
type=Event,module=XMailModuleServerEventsImpl,name=notifyUserLoggingIn
type=Event,module=XMailModuleServerEventsImpl,name=notifyUserLoggingOut
```

```
type=Event,module=XMailModuleServerEventsImpl,name=notifyUserLoginInfo
type=Event,module=XMessageServerEventsImpl,name=notifyClientInactive
type=Event,module=XMessageServerEventsImpl,name=notifySessionActiveHeartbeat
type=Event,module=XOSModuleServerEventsImpl,name=notifyGadgetCreated
type=Event,module=XOSModuleServerEventsImpl,name=notifyGadgetDeleted
type=Event,module=XOSModuleServerEventsImpl,name=notifyGadgetUpdated
type=Event,module=XPresenceModuleServerEventsImpl,name=notifyActive
type=Event,module=XPresenceModuleServerEventsImpl,name=notifyIdle
type=Event,module=XPresenceModuleServerEventsImpl,name=notifyLocationChanged
type=Event,module=XPropertiesModuleServerEventsImpl,name=notifyPropertiesChanged
type=Event,module=XPropertiesModuleServerEventsImpl,name=notifyPropertiesRemoved
type=Event,module=XPropertiesModuleServerEventsImpl,name=notifyUserPropertiesChanged
type=Event,module=XPropertiesModuleServerEventsImpl,name=notifyUserPropertiesRemoved
type=Event,module=XTagModuleServerEventsImpl,name=notifyTagAdded
type=Event,module=XTagModuleServerEventsImpl,name=notifyTagCreated
type=Event,module=XTagModuleServerEventsImpl,name=notifyTagDeleted
type=Event,module=XTagModuleServerEventsImpl,name=notifyTagRemoved
type=Event,module=XTagModuleServerEventsImpl,name=notifyTagUpdated
type=Event,module=XTaskModuleServerEventsImpl,name=notifyTaskAssigneesChanged
type=Event,module=XTaskModuleServerEventsImpl,name=notifyTaskChanged
type=Event,module=XTaskModuleServerEventsImpl,name=notifyTaskPrerequisitesChanged
type=Event,module=XTrackModuleServerEventsImpl,name=notifyTrackAccessible
type=Event,module=XTrackModuleServerEventsImpl,name=notifyTrackCreated
type=Event,module=XTrackModuleServerEventsImpl,name=notifyTrackInaccessible
type=Event,module=XTrackModuleServerEventsImpl,name=notifyTrackNameChanged
type=Event,module=XTrackModuleServerEventsImpl,name=notifyTrackUpdated
type=Event,module=XUserModuleServerEventsImpl,name=notifySignupRequested
type=Event,module=XUserModuleServerEventsImpl,name=notifySignupVerified
type=Event,module=XUserModuleServerEventsImpl,name=notifyUserCreated
type=Event,module=XUserModuleServerEventsImpl,name=notifyUserDeleted
type=Event,module=XUserModuleServerEventsImpl,name=notifyUserUpdated
type=Event,module=XVoiceModuleServerEventsImpl,name=notifyMute
type=Event,module=XVoiceModuleServerEventsImpl,name=notifyOffCall
type=Event,module=XVoiceModuleServerEventsImpl,name=notifyOnCall
type=Event,module=XVoiceModuleServerEventsImpl,name=notifySpeaking
type=Event,module=XVoiceModuleServerEventsImpl,name=notifyUpdateConference
type=Event,module=XWidgetModuleServerEventsImpl,name=notifyWidgetCreated
type=Event,module=XWidgetModuleServerEventsImpl,name=notifyWidgetDeleted
type=Event,module=XWidgetModuleServerEventsImpl,name=notifyWidgetEnabledChanged
type=Event,module=XWidgetModuleServerEventsImpl,name=notifyWidgetNameChanged
type=Event,module=XWidgetModuleServerEventsImpl,name=notifyWidgetRemoved
type=Event,module=XWidgetModuleServerEventsImpl,name=notifyWidgetUpdated
type=FrontChannelServletStatistics
type=HiveStatistics
type=ICAPStatistics
type=MethodStatistics
type=ObjectController
type=ObjectControllerType,name=waggle/annotation-draft
type=ObjectControllerType,name=waggle/application-conference
type=ObjectControllerType,name=waggle/application-recording
type=ObjectControllerType,name=waggle/application-recording-audio
type=ObjectControllerType,name=waggle/application-recording-map
type=ObjectControllerType,name=waggle/application-recording-video
type=ObjectControllerType,name=waggle/chat
type=ObjectControllerType,name=waggle/client
type=ObjectControllerType,name=waggle/conversation
type=ObjectControllerType,name=waggle/conversation-artifacts
type=ObjectControllerType,name=waggle/conversation-bookmark
```

```
type=ObjectControllerType,name=waggle/conversation-bookmarks
type=ObjectControllerType,name=waggle/conversation-buzz
type=ObjectControllerType,name=waggle/conversation-buzzes
type=ObjectControllerType,name=waggle/conversation-chats
type=ObjectControllerType,name=waggle/conversation-conferences
type=ObjectControllerType,name=waggle/conversation-followup
type=ObjectControllerType,name=waggle/conversation-followups
type=ObjectControllerType,name=waggle/conversation-member-profile
type=ObjectControllerType,name=waggle/conversation-member-profiles
type=ObjectControllerType,name=waggle/conversation-members
type=ObjectControllerType,name=waggle/conversation-picture
type=ObjectControllerType,name=waggle/conversation-requests
type=ObjectControllerType,name=waggle/conversation-task
type=ObjectControllerType,name=waggle/conversation-widgets
type=ObjectControllerType,name=waggle/conversations
type=ObjectControllerType,name=waggle/entered
type=ObjectControllerType,name=waggle/user-quota
type=ObjectControllerType,name=waggle/user-session
type=ObjectControllerType,name=waggle/user-sessions
type=ObjectControllerType,name=waggle/user-tags
type=ObjectControllerType,name=waggle/users
type=ObjectControllerType,name=waggle/version
type=ObjectControllerType,name=waggle/voice-conference
type=ObjectControllerType,name=waggle/voice-recording
type=ObjectControllerType,name=waggle/widget
type=ObjectPersistence
type=ObjectPersistenceType,name=waggle/annotation-draft
type=ObjectPersistenceType,name=waggle/application-conference
type=ObjectPersistenceType,name=waggle/application-recording
type=ObjectPersistenceType,name=waggle/application-recording-audio
type=ObjectPersistenceType,name=waggle/application-recording-map
type=ObjectPersistenceType,name=waggle/application-recording-video
type=ObjectPersistenceType,name=waggle/chat
type=ObjectPersistenceType,name=waggle/client
type=ObjectPersistenceType,name=waggle/conversation
type=ObjectPersistenceType,name=waggle/conversation-artifacts
type=ObjectPersistenceType,name=waggle/conversation-bookmark
type=ObjectPersistenceType,name=waggle/conversation-bookmarks
type=ObjectPersistenceType,name=waggle/conversation-buzz
type=ObjectPersistenceType,name=waggle/conversation-buzzes
type=ObjectPersistenceType,name=waggle/conversation-chats
type=ObjectPersistenceType,name=waggle/conversation-conferences
type=ObjectPersistenceType,name=waggle/conversation-followup
type=ObjectPersistenceType,name=waggle/conversation-followups
type=ObjectPersistenceType,name=waggle/conversation-member-profile
type=ObjectPersistenceType,name=waggle/conversation-member-profiles
type=ObjectPersistenceType,name=waggle/conversation-members
type=ObjectPersistenceType,name=waggle/conversation-picture
type=ObjectPersistenceType,name=waggle/conversation-requests
type=ObjectPersistenceType,name=waggle/conversation-task
type=ObjectPersistenceType,name=waggle/conversation-widgets
type=ObjectPersistenceType,name=waggle/conversations
type=ObjectPersistenceType,name=waggle/entered
type=ObjectPersistenceType,name=waggle/file
type=ObjectPersistenceType,name=waggle/group
type=ObjectPersistenceType,name=waggle/group-conversations
type=ObjectPersistenceType,name=waggle/group-groups
type=ObjectPersistenceType,name=waggle/group-members
type=ObjectPersistenceType,name=waggle/groups
type=ObjectPersistenceType,name=waggle/hive
```

```
type=ObjectPersistenceType,name=waggle/hive-quota
type=ObjectPersistenceType,name=waggle/mail
type=ObjectPersistenceType,name=waggle/os-feature
type=ObjectPersistenceType,name=waggle/os-feature-file
type=ObjectPersistenceType,name=waggle/os-features
type=ObjectPersistenceType,name=waggle/os-gadget
type=ObjectPersistenceType,name=waggle/os-gadget-file
type=ObjectPersistenceType,name=waggle/os-gadgets
type=ObjectPersistenceType,name=waggle/poll
type=ObjectPersistenceType,name=waggle/properties
type=ObjectPersistenceType,name=waggle/realm-database
type=ObjectPersistenceType,name=waggle/realm-ldap
type=ObjectPersistenceType,name=waggle/realms
type=ObjectPersistenceType,name=waggle/repositories
type=ObjectPersistenceType,name=waggle/repository-ucm
type=ObjectPersistenceType,name=waggle/root
type=ObjectPersistenceType,name=waggle/tag
type=ObjectPersistenceType,name=waggle/track
type=ObjectPersistenceType,name=waggle/track-conversations
type=ObjectPersistenceType,name=waggle/tracks
type=ObjectPersistenceType,name=waggle/user
type=ObjectPersistenceType,name=waggle/user-aggregate
type=ObjectPersistenceType,name=waggle/user-aggregates
type=ObjectPersistenceType,name=waggle/user-assignments
type=ObjectPersistenceType,name=waggle/user-bookmarks
type=ObjectPersistenceType,name=waggle/user-buzzes
type=ObjectPersistenceType,name=waggle/user-contact-bys
type=ObjectPersistenceType,name=waggle/user-contacts
type=ObjectPersistenceType,name=waggle/user-conversations
type=ObjectPersistenceType,name=waggle/user-device
type=ObjectPersistenceType,name=waggle/user-devices
type=ObjectPersistenceType,name=waggle/user-distribution-list
type=ObjectPersistenceType,name=waggle/user-distribution-lists
type=ObjectPersistenceType,name=waggle/user-followups
type=ObjectPersistenceType,name=waggle/user-groups
type=ObjectPersistenceType,name=waggle/user-picture
type=ObjectPersistenceType,name=waggle/user-profile
type=ObjectPersistenceType,name=waggle/user-quota
type=ObjectPersistenceType,name=waggle/user-session
type=ObjectPersistenceType,name=waggle/user-sessions
type=ObjectPersistenceType,name=waggle/user-tags
type=ObjectPersistenceType,name=waggle/users
type=ObjectPersistenceType,name=waggle/version
type=ObjectPersistenceType,name=waggle/voice-conference
type=ObjectPersistenceType,name=waggle/voice-recording
type=ObjectPersistenceType,name=waggle/widget
type=PerAPI,module=XAdminModule$Server,name=abortDisconnect
type=PerAPI,module=XAdminModule$Server,name=getDateFormats
type=PerAPI,module=XAdminModule$Server,name=getLocales
type=PerAPI,module=XAdminModule$Server,name=getLocalesForLocale
type=PerAPI,module=XAdminModule$Server,name=getTimeZones
type=PerAPI,module=XAdminModule$Server,name=getTimeZonesForLocale
type=PerAPI,module=XAdminModule$Server,name=isDisconnectInProgress
type=PerAPI,module=XAdminModule$Server,name=startDisconnect
type=PerAPI,module=XAggregateModule$Server,name=addTrackToAggregate
type=PerAPI,module=XAggregateModule$Server,name=createAggregate
type=PerAPI,module=XAggregateModule$Server,name=getAggregate
type=PerAPI,module=XAggregateModule$Server,name=getAggregateForTrack
type=PerAPI,module=XAggregateModule$Server,name=getAggregates
type=PerAPI,module=XAggregateModule$Server,name=getNewTracksNotInAnyAggregate
```

```

type=PerAPI,module=XAggregateModule$Server,name=getTracksNotInAnyAggregate
type=PerAPI,module=XAggregateModule$Server,name=moveAggregate
type=PerAPI,module=XAggregateModule$Server,name=moveTrack
type=PerAPI,module=XAggregateModule$Server,name=moveTrackWithinAggregate
type=PerAPI,module=XAggregateModule$Server,name=removeAggregate
type=PerAPI,module=XAggregateModule$Server,name=removeTrackFromAggregate
type=PerAPI,module=XAggregateModule$Server,name=removeTrackFromAllAggregates
type=PerAPI,module=XAggregateModule$Server,name=renameAggregate
type=PerAPI,module=XAnnotationModule$Server,name=commitAnnotationDraft
type=PerAPI,module=XAnnotationModule$Server,name=deleteAnnotationDraft
type=PerAPI,module=XAnnotationModule$Server,name=getAnnotationChats
type=PerAPI,module=XAnnotationModule$Server,name=getAnnotationDraft
type=PerAPI,module=XAnnotationModule$Server,name=getAnnotationDrafts
type=PerAPI,module=XAnnotationModule$Server,name=saveAnnotationDraft
type=PerAPI,module=XApplicationSharingModule$Server,name=applications
type=PerAPI,module=XApplicationSharingModule$Server,name=play
type=PerAPI,module=XApplicationSharingModule$Server,name=share
type=PerAPI,module=XApplicationSharingModule$Server,name=thumbnail
type=PerAPI,module=XApplicationSharingModule$Server,name=unview
type=PerAPI,module=XApplicationSharingModule$Server,name=view
type=PerAPI,module=XArtifactModule$Server,name=copyArtifact
type=PerAPI,module=XArtifactModule$Server,name=getArtifact
type=PerAPI,module=XArtifactModule$Server,name=getArtifactIfAccessible
type=PerAPI,module=XArtifactModule$Server,name=getArtifacts
type=PerAPI,module=XArtifactModule$Server,name=removeArtifact
type=PerAPI,module=XArtifactModule$Server,name=setArtifactName
type=PerAPI,module=XArtifactModule$Server,name=setArtifactState
type=PerAPI,module=XArtifactModule$Server,name=unremoveArtifact
type=PerAPI,module=XBackChannelModule$Server,name=sendMessage
type=PerAPI,module=XBookmarkModule$Server,name=closeBookmark
type=PerAPI,module=XBookmarkModule$Server,name=getBookmarks
type=PerAPI,module=XBookmarkModule$Server,name=getBookmarksSummary
type=PerAPI,module=XBookmarkModule$Server,name=openBookmark
type=PerAPI,module=XBroadcastModule$Server,name=broadcastToConversation
type=PerAPI,module=XBroadcastModule$Server,name=broadcastToHive
type=PerAPI,module=XBroadcastModule$Server,name=broadcastToUser
type=PerAPI,module=XBugsModule$Server,name=reportBug
type=PerAPI,module=XBuzzModule$Server,name=closeBuzz
type=PerAPI,module=XBuzzModule$Server,name=getBuzzes
type=PerAPI,module=XBuzzModule$Server,name=getBuzzesSummary
type=PerAPI,module=XBuzzModule$Server,name=openBuzz
type=PerAPI,module=XChatModule$Server,name=createBasicChat
type=PerAPI,module=XChatModule$Server,name=createChat
type=PerAPI,module=XChatModule$Server,name=createChatFromInfo
type=PerAPI,module=XChatModule$Server,name=editChat
type=PerAPI,module=XChatModule$Server,name=getAfterChats
type=PerAPI,module=XChatModule$Server,name=getAllConferenceChats
type=PerAPI,module=XChatModule$Server,name=getAroundChats
type=PerAPI,module=XChatModule$Server,name=getBeforeChats
type=PerAPI,module=XChatModule$Server,name=getChat
type=PerAPI,module=XChatModule$Server,name=getChatDates
type=PerAPI,module=XChatModule$Server,name=getChatIDs
type=PerAPI,module=XChatModule$Server,name=getChatIDsPage
type=PerAPI,module=XChatModule$Server,name=getChatVersions
type=PerAPI,module=XChatModule$Server,name=getChatsInRange
type=PerAPI,module=XChatModule$Server,name=getChatsRead
type=PerAPI,module=XChatModule$Server,name=getFirstChats
type=PerAPI,module=XChatModule$Server,name=getLastChats
type=PerAPI,module=XChatModule$Server,name=getNextChats
type=PerAPI,module=XChatModule$Server,name=getPreviousChats

```

```

type=PerAPI,module=XChatModule$Server,name=getReference
type=PerAPI,module=XChatModule$Server,name=getSpecifiedChats
type=PerAPI,module=XChatModule$Server,name=getSummaryChatIDs
type=PerAPI,module=XChatModule$Server,name=getUnreadChats
type=PerAPI,module=XChatModule$Server,name=isRemovableNow
type=PerAPI,module=XChatModule$Server,name=markChatsAllRead
type=PerAPI,module=XChatModule$Server,name=markChatsAllUnread
type=PerAPI,module=XChatModule$Server,name=markChatsRead
type=PerAPI,module=XChatModule$Server,name=markChatsUnread
type=PerAPI,module=XChatModule$Server,name=markUserDigestChatsRead
type=PerAPI,module=XChatModule$Server,name=removeChat
type=PerAPI,module=XChatModule$Server,name=typing
type=PerAPI,module=XChatModule$Server,name=unremoveChat
type=PerAPI,module=XChatModule$Server,name=updateChat
type=PerAPI,module=XConferenceModule$Server,name=getConferenceInfos
type=PerAPI,module=XConferenceModule$Server,name=getConversationsWithConferences
type=PerAPI,module=XConferenceModule$Server,name=stopConference
type=PerAPI,module=XConnectModule$Server,name=getLoginInfo
type=PerAPI,module=XConnectModule$Server,name=getLoginMechanism
type=PerAPI,module=XConnectModule$Server,name=getLoginTicket
type=PerAPI,module=XConnectModule$Server,name=login
type=PerAPI,module=XConnectModule$Server,name=logout
type=PerAPI,module=XConnectModule$Server,name=ping
type=PerAPI,module=XConnectModule$Server,name=setOnBehalfOfUser
type=PerAPI,module=XConnectModule$Server,name=setUser
type=PerAPI,module=XContactModule$Server,name=addContact
type=PerAPI,module=XContactModule$Server,name=addContactToGroup
type=PerAPI,module=XContactModule$Server,name=addGroup
type=PerAPI,module=XContactModule$Server,name=getContacts
type=PerAPI,module=XContactModule$Server,name=moveContactToGroup
type=PerAPI,module=XContactModule$Server,name=removeContact
type=PerAPI,module=XContactModule$Server,name=removeContactFromGroup
type=PerAPI,module=XContactModule$Server,name=removeGroup
type=PerAPI,module=XContactModule$Server,name=renameGroup
type=PerAPI,module=XConversationModule$Server,name=changeConversationExternalIDs
type=PerAPI,module=XConversationModule$Server,name=changeConversationMembers
type=PerAPI,module=XConversationModule$Server,name=createConversation
type=PerAPI,module=XConversationModule$Server,name=createConversationFromInfo
type=PerAPI,module=XConversationModule$Server,name=deleteConversationPicture
type=PerAPI,module=XConversationModule$Server,name=enterConversation
type=PerAPI,module=XConversationModule$Server,name=exitConversation
type=PerAPI,module=XConversationModule$Server,name=getAllActiveConversations
type=PerAPI,module=XConversationModule$Server,name=getConversation
type=PerAPI,module=XConversationModule$Server,name=getConversationArtifacts
type=PerAPI,module=XConversationModule$Server,name=getConversationByPrimaryExternalID
type=PerAPI,module=XConversationModule$Server,name=getConversationContributors
type=PerAPI,module=XConversationModule$Server,name=getConversationCounts
type=PerAPI,module=XConversationModule$Server,name=getConversationDirectMembers
type=PerAPI,module=XConversationModule$Server,name=getConversationDocuments
type=PerAPI,module=XConversationModule$Server,name=getConversationEntered
type=PerAPI,module=XConversationModule$Server,name=getConversationIfAccessible
type=PerAPI,module=XConversationModule$Server,name=getConversationMap
type=PerAPI,module=XConversationModule$Server,name=getConversationMembership
type=PerAPI,module=XConversationModule$Server,name=getConversationMembershipAndDirectGroups
type=PerAPI,module=XConversationModule$Server,name=getConversationRole
type=PerAPI,module=XConversationModule$Server,name=getConversations
type=PerAPI,module=XConversationModule$Server,name=getConversationsBySecondaryExternalID

```

```

type=PerAPI,module=XConversationModule$Server,name=getConversationsDetail
type=PerAPI,module=XConversationModule$Server,name=getConversationsIfAccessible
type=PerAPI,module=XConversationModule$Server,name=getConversationsInCommon
type=PerAPI,module=XConversationModule$Server,name=getDiscoverableConversations
type=PerAPI,module=XConversationModule$Server,name=getDiscoverableConversationsFor
User
type=PerAPI,module=XConversationModule$Server,name=getGeolocatedConversations
type=PerAPI,module=XConversationModule$Server,name=getGeolocatedObjects
type=PerAPI,module=XConversationModule$Server,name=getNewConversations
type=PerAPI,module=XConversationModule$Server,name=getOriginalConversationPicture
type=PerAPI,module=XConversationModule$Server,name=getScaledConversationPicture
type=PerAPI,module=XConversationModule$Server,name=getTopActiveConversations
type=PerAPI,module=XConversationModule$Server,name=getTrackClosedConversations
type=PerAPI,module=XConversationModule$Server,name=getTrackConversations
type=PerAPI,module=XConversationModule$Server,name=getTrackDiscoverableConversations
type=PerAPI,module=XConversationModule$Server,name=getTrackOpenConversations
type=PerAPI,module=XConversationModule$Server,name=joinDiscoverableConversation
type=PerAPI,module=XConversationModule$Server,name=moveConversation
type=PerAPI,module=XConversationModule$Server,name=removeConversation
type=PerAPI,module=XConversationModule$Server,name=searchConversation
type=PerAPI,module=XConversationModule$Server,name=setConversationDiscoverable
type=PerAPI,module=XConversationModule$Server,name=setConversationName
type=PerAPI,module=XConversationModule$Server,name=setConversationState
type=PerAPI,module=XConversationModule$Server,name=updateConversation
type=PerAPI,module=XConversationModule$Server,name=uploadConversationPicture
type=PerAPI,module=XConversationModule$Server,name=uploadConversationPictureToData
Uri
type=PerAPI,module=XDeviceModule$Server,name=createDevice
type=PerAPI,module=XDeviceModule$Server,name=deleteDevice
type=PerAPI,module=XDeviceModule$Server,name=findDevice
type=PerAPI,module=XDeviceModule$Server,name=getConversationDevices
type=PerAPI,module=XDeviceModule$Server,name=getDevice
type=PerAPI,module=XDeviceModule$Server,name=getDevices
type=PerAPI,module=XDeviceModule$Server,name=registerDevice
type=PerAPI,module=XDeviceModule$Server,name=removeConversationDeviceSettings
type=PerAPI,module=XDeviceModule$Server,name=updateConversationDeviceSettings
type=PerAPI,module=XDeviceModule$Server,name=updateDevice
type=PerAPI,module=XDeviceModule$Server,name=updateDeviceSettings
type=PerAPI,module=XDistributionListModule$Server,name=changeListMembers
type=PerAPI,module=XDistributionListModule$Server,name=createList
type=PerAPI,module=XDistributionListModule$Server,name=findDistributionListWithLimit
type=PerAPI,module=XDistributionListModule$Server,name=getList
type=PerAPI,module=XDistributionListModule$Server,name=getLists
type=PerAPI,module=XDistributionListModule$Server,name=removeList
type=PerAPI,module=XDistributionListModule$Server,name=renameList
type=PerAPI,module=XDistributionListModule$Server,name=updateList
type=PerAPI,module=XDocumentModule$Server,name=createDocument
type=PerAPI,module=XDocumentModule$Server,name=createDocumentAttachment
type=PerAPI,module=XDocumentModule$Server,name=createDocumentAttachmentString
type=PerAPI,module=XDocumentModule$Server,name=createDocumentString
type=PerAPI,module=XDocumentModule$Server,name=createVersion
type=PerAPI,module=XDocumentModule$Server,name=createVersionString
type=PerAPI,module=XDocumentModule$Server,name=findSimilar
type=PerAPI,module=XDocumentModule$Server,name=getContent
type=PerAPI,module=XDocumentModule$Server,name=getContentRange
type=PerAPI,module=XDocumentModule$Server,name=getContentString
type=PerAPI,module=XDocumentModule$Server,name=getDocument
type=PerAPI,module=XDocumentModule$Server,name=getPage

```

```

type=PerAPI,module=XDocumentModule$Server,name=getRendition
type=PerAPI,module=XDocumentModule$Server,name=getThumbnail
type=PerAPI,module=XDocumentModule$Server,name=getVersion
type=PerAPI,module=XDocumentModule$Server,name=getVersions
type=PerAPI,module=XDocumentModule$Server,name=lockDocument
type=PerAPI,module=XDocumentModule$Server,name=removeDocument
type=PerAPI,module=XDocumentModule$Server,name=removeVersion
type=PerAPI,module=XDocumentModule$Server,name=unlockDocument
type=PerAPI,module=XDocumentModule$Server,name=unremoveDocument
type=PerAPI,module=XDocumentModule$Server,name=unremoveVersion
type=PerAPI,module=XDocumentModule$Server,name=updateVersion
type=PerAPI,module=XFollowupModule$Server,name=changeFollowupNotify
type=PerAPI,module=XFollowupModule$Server,name=changeFollowupNotifyForUser
type=PerAPI,module=XFollowupModule$Server,name=changeFollowupNotifyForUsers
type=PerAPI,module=XFollowupModule$Server,name=closeFollowup
type=PerAPI,module=XFollowupModule$Server,name=closeFollowupForUser
type=PerAPI,module=XFollowupModule$Server,name=closeFollowupForUsers
type=PerAPI,module=XFollowupModule$Server,name=getFollowups
type=PerAPI,module=XFollowupModule$Server,name=getFollowupsSummary
type=PerAPI,module=XFollowupModule$Server,name=markAllFollowupsRead
type=PerAPI,module=XFollowupModule$Server,name=markAllFollowupsReadForConversation
type=PerAPI,module=XFollowupModule$Server,name=markAllFollowupsUnread
type=PerAPI,module=XFollowupModule$Server,name=markAllFollowupsUnreadForConversation
type=PerAPI,module=XFollowupModule$Server,name=markFollowupRead
type=PerAPI,module=XFollowupModule$Server,name=markFollowupUnread
type=PerAPI,module=XFollowupModule$Server,name=markFollowupsRead
type=PerAPI,module=XFollowupModule$Server,name=markFollowupsUnread
type=PerAPI,module=XFollowupModule$Server,name=openFollowup
type=PerAPI,module=XFollowupModule$Server,name=openFollowups
type=PerAPI,module=XGroupModule$Server,name=changeGroupMembers
type=PerAPI,module=XGroupModule$Server,name=createGroup
type=PerAPI,module=XGroupModule$Server,name=createGroupWithMembers
type=PerAPI,module=XGroupModule$Server,name=deleteGroup
type=PerAPI,module=XGroupModule$Server,name=findGroups
type=PerAPI,module=XGroupModule$Server,name=findGroupsWithLimit
type=PerAPI,module=XGroupModule$Server,name=getAllGroupUsers
type=PerAPI,module=XGroupModule$Server,name=getAllParentConversations
type=PerAPI,module=XGroupModule$Server,name=getAllParentGroups
type=PerAPI,module=XGroupModule$Server,name=getGroup
type=PerAPI,module=XGroupModule$Server,name=getGroupDetails
type=PerAPI,module=XGroupModule$Server,name=getGroupMembers
type=PerAPI,module=XGroupModule$Server,name=getGroups
type=PerAPI,module=XGroupModule$Server,name=getManagedGroups
type=PerAPI,module=XGroupModule$Server,name=setGroupName
type=PerAPI,module=XGroupModule$Server,name=updateGroup
type=PerAPI,module=XHiveModule$Server,name=enterHive
type=PerAPI,module=XHiveModule$Server,name=exitHive
type=PerAPI,module=XHiveModule$Server,name=findSimilar
type=PerAPI,module=XHiveModule$Server,name=getHive
type=PerAPI,module=XHiveModule$Server,name=getHiveConfiguration
type=PerAPI,module=XHiveModule$Server,name=getHiveConfigurationProperties
type=PerAPI,module=XHiveModule$Server,name=getHiveDetails
type=PerAPI,module=XHiveModule$Server,name=searchHive
type=PerAPI,module=XHiveModule$Server,name=setHiveName
type=PerAPI,module=XHiveModule$Server,name=setHiveState
type=PerAPI,module=XHiveModule$Server,name=updateHive
type=PerAPI,module=XHiveModule$Server,name=updateHiveConfiguration
type=PerAPI,module=XManagementModule$Server,name=getAttributes
type=PerAPI,module=XManagementModule$Server,name=getObjects

```

```
type=PerAPI,module=XManagementModule$Server,name=setAttributes
type=PerAPI,module=XMemberModule$Server,name=findMembersWithLimit
type=PerAPI,module=XNewsModule$Server,name=getNews
type=PerAPI,module=XOSModule$Server,name=createFeature
type=PerAPI,module=XOSModule$Server,name=createFeatureFile
type=PerAPI,module=XOSModule$Server,name=createGadget
type=PerAPI,module=XOSModule$Server,name=deleteFeature
type=PerAPI,module=XOSModule$Server,name=deleteFeatureFile
type=PerAPI,module=XOSModule$Server,name=deleteGadget
type=PerAPI,module=XOSModule$Server,name=getAllAvailableGadgets
type=PerAPI,module=XOSModule$Server,name=getAllFeatureFiles
type=PerAPI,module=XOSModule$Server,name=getAllFeatures
type=PerAPI,module=XOSModule$Server,name=getAllGadgets
type=PerAPI,module=XOSModule$Server,name=getFeature
type=PerAPI,module=XOSModule$Server,name=getGadget
type=PerAPI,module=XOSModule$Server,name=getGadgetUserPrefs
type=PerAPI,module=XOSModule$Server,name=moveFeatureFileDown
type=PerAPI,module=XOSModule$Server,name=moveFeatureFileUp
type=PerAPI,module=XOSModule$Server,name=setFeatureFileName
type=PerAPI,module=XOSModule$Server,name=setFeatureName
type=PerAPI,module=XOSModule$Server,name=setFeatureVersion
type=PerAPI,module=XOSModule$Server,name=setGadgetName
type=PerAPI,module=XOSModule$Server,name=updateFeatureFile
type=PerAPI,module=XOSModule$Server,name=updateGadget
type=PerAPI,module=XOSModule$Server,name=uploadGadget
type=PerAPI,module=XObjectModule$Server,name=insertObjectXML
type=PerAPI,module=XObjectModule$Server,name=readObjectXML
type=PerAPI,module=XObjectModule$Server,name=updateObjectXML
type=PerAPI,module=XPasswordModule$Server,name=changePassword
type=PerAPI,module=XPasswordModule$Server,name=resetPasswordRequest
type=PerAPI,module=XPasswordModule$Server,name=resetPasswordVerify
type=PerAPI,module=XPollModule$Server,name=createPoll
type=PerAPI,module=XPollModule$Server,name=getPoll
type=PerAPI,module=XPollModule$Server,name=pollClose
type=PerAPI,module=XPollModule$Server,name=pollOpen
type=PerAPI,module=XPollModule$Server,name=updatePoll
type=PerAPI,module=XPollModule$Server,name=voteMultiple
type=PerAPI,module=XPollModule$Server,name=voteSingle
type=PerAPI,module=XPresenceModule$Server,name=active
type=PerAPI,module=XPresenceModule$Server,name=idle
type=PerAPI,module=XPresenceModule$Server,name=setGeolocation
type=PerAPI,module=XPresenceModule$Server,name=setLocation
type=PerAPI,module=XProfileModule$Server,name=defaultProfileNotificationSettings
type=PerAPI,module=XProfileModule$Server,name=deleteProfilePicture
type=PerAPI,module=XProfileModule$Server,name=getMyProfile
type=PerAPI,module=XProfileModule$Server,name=getOriginalProfilePicture
type=PerAPI,module=XProfileModule$Server,name=getProfile
type=PerAPI,module=XProfileModule$Server,name=getProfileNotificationSettings
type=PerAPI,module=XProfileModule$Server,name=getScaledProfilePicture
type=PerAPI,module=XProfileModule$Server,name=setProfileNotificationSettings
type=PerAPI,module=XProfileModule$Server,name=updateMyProfile
type=PerAPI,module=XProfileModule$Server,name=updateProfile
type=PerAPI,module=XProfileModule$Server,name=uploadProfilePicture
type=PerAPI,module=XProfileModule$Server,name=uploadProfilePictureToDataUri
type=PerAPI,module=XPropertiesModule$Server,name=getMatchingProperties
type=PerAPI,module=XPropertiesModule$Server,name=getMatchingUserProperties
type=PerAPI,module=XPropertiesModule$Server,name=getProperties
type=PerAPI,module=XPropertiesModule$Server,name=getProperty
type=PerAPI,module=XPropertiesModule$Server,name=getPropertyNames
type=PerAPI,module=XPropertiesModule$Server,name=getSpecifiedProperties
```

```

type=PerAPI,module=XPropertiesModule$Server,name=getSpecifiedUserProperties
type=PerAPI,module=XPropertiesModule$Server,name=getUserProperties
type=PerAPI,module=XPropertiesModule$Server,name=getUserProperty
type=PerAPI,module=XPropertiesModule$Server,name=getUserPropertyNames
type=PerAPI,module=XPropertiesModule$Server,name=removeProperties
type=PerAPI,module=XPropertiesModule$Server,name=removeProperty
type=PerAPI,module=XPropertiesModule$Server,name=removeUserProperties
type=PerAPI,module=XPropertiesModule$Server,name=removeUserProperty
type=PerAPI,module=XPropertiesModule$Server,name=setProperties
type=PerAPI,module=XPropertiesModule$Server,name=setProperty
type=PerAPI,module=XPropertiesModule$Server,name=setUserProperties
type=PerAPI,module=XPropertiesModule$Server,name=setUserProperty
type=PerAPI,module=XRealmModule$Server,name=createLDAPRealm
type=PerAPI,module=XRealmModule$Server,name=getRealm
type=PerAPI,module=XRealmModule$Server,name=getRealmNotificationSettings
type=PerAPI,module=XRealmModule$Server,name=getRealmPasswordPolicy
type=PerAPI,module=XRealmModule$Server,name=getRealms
type=PerAPI,module=XRealmModule$Server,name=setRealmName
type=PerAPI,module=XRealmModule$Server,name=setRealmNotificationSettings
type=PerAPI,module=XRealmModule$Server,name=testRealm
type=PerAPI,module=XRealmModule$Server,name=updateRealm
type=PerAPI,module=XRepositoryModule$Server,name=createDocumentFromRepositoryRevision
type=PerAPI,module=XRepositoryModule$Server,name=createRepository
type=PerAPI,module=XRepositoryModule$Server,name=createRepositoryRevisionFromContent
type=PerAPI,module=XRepositoryModule$Server,name=deleteRepository
type=PerAPI,module=XRepositoryModule$Server,name=getAllRepositories
type=PerAPI,module=XRepositoryModule$Server,name=getDocumentInfo
type=PerAPI,module=XRepositoryModule$Server,name=getEnabledRepositories
type=PerAPI,module=XRepositoryModule$Server,name=getRepository
type=PerAPI,module=XRepositoryModule$Server,name=searchRepository
type=PerAPI,module=XRepositoryModule$Server,name=updateRepository
type=PerAPI,module=XSignupModule$Server,name=signupRequest
type=PerAPI,module=XSignupModule$Server,name=signupVerify
type=PerAPI,module=XSignupModule$Server,name=signupVerifyCheck
type=PerAPI,module=XSnapshotModule$Server,name=createSnapshot
type=PerAPI,module=XSnapshotModule$Server,name=returnSnapshot
type=PerAPI,module=XSystemReportModule$Server,name=createSystemReport
type=PerAPI,module=XSystemReportModule$Server,name=getHistoricalData
type=PerAPI,module=XTagModule$Server,name=createPrivateTag
type=PerAPI,module=XTagModule$Server,name=createPrivateTagAndTag
type=PerAPI,module=XTagModule$Server,name=createPublicTag
type=PerAPI,module=XTagModule$Server,name=createPublicTagAndTag
type=PerAPI,module=XTagModule$Server,name=deleteTag
type=PerAPI,module=XTagModule$Server,name=getConversationTagCloud
type=PerAPI,module=XTagModule$Server,name=getPrivateTagCloud
type=PerAPI,module=XTagModule$Server,name=getPublicTagCloud
type=PerAPI,module=XTagModule$Server,name=getTag
type=PerAPI,module=XTagModule$Server,name=getTagCloud
type=PerAPI,module=XTagModule$Server,name=getTagableTags
type=PerAPI,module=XTagModule$Server,name=getTags
type=PerAPI,module=XTagModule$Server,name=getTrackTagCloud
type=PerAPI,module=XTagModule$Server,name=setTagName
type=PerAPI,module=XTagModule$Server,name=tag
type=PerAPI,module=XTagModule$Server,name=untag
type=PerAPI,module=XTaskModule$Server,name=changeTaskAssignees
type=PerAPI,module=XTaskModule$Server,name=changeTaskPrerequisites
type=PerAPI,module=XTaskModule$Server,name=getTaskAssignees
type=PerAPI,module=XTaskModule$Server,name=getTaskAssignments

```

```
type=PerAPI,module=XTaskModule$Server,name=setTask
type=PerAPI,module=XTestModule$Server,name=testInfo
type=PerAPI,module=XTestModule$Server,name=testLocaleException
type=PerAPI,module=XTestModule$Server,name=testLocaleResult
type=PerAPI,module=XTrackModule$Server,name=createTrack
type=PerAPI,module=XTrackModule$Server,name=getDiscoverableTracks
type=PerAPI,module=XTrackModule$Server,name=getDiscoverableTracksForUser
type=PerAPI,module=XTrackModule$Server,name=getNewTracks
type=PerAPI,module=XTrackModule$Server,name=getSortedTracks
type=PerAPI,module=XTrackModule$Server,name=getTopActiveTracks
type=PerAPI,module=XTrackModule$Server,name=getTrack
type=PerAPI,module=XTrackModule$Server,name=getTrackDirectMembers
type=PerAPI,module=XTrackModule$Server,name=getTrackMembership
type=PerAPI,module=XTrackModule$Server,name=getTracks
type=PerAPI,module=XTrackModule$Server,name=getTracksInCommon
type=PerAPI,module=XTrackModule$Server,name=searchTrack
type=PerAPI,module=XTrackModule$Server,name=setTrackName
type=PerAPI,module=XUserModule$Server,name=createSystemUser
type=PerAPI,module=XUserModule$Server,name=createTestUsers
type=PerAPI,module=XUserModule$Server,name=createUser
type=PerAPI,module=XUserModule$Server,name=deleteUnverifiedUser
type=PerAPI,module=XUserModule$Server,name=findDisabledUsers
type=PerAPI,module=XUserModule$Server,name=findUsers
type=PerAPI,module=XUserModule$Server,name=findUsersWithLimit
type=PerAPI,module=XUserModule$Server,name=getMe
type=PerAPI,module=XUserModule$Server,name=getUser
type=PerAPI,module=XUserModule$Server,name=getUserByName
type=PerAPI,module=XUserModule$Server,name=getUserDetails
type=PerAPI,module=XUserModule$Server,name=getUserPhoneNumbers
type=PerAPI,module=XUserModule$Server,name=getUsers
type=PerAPI,module=XUserModule$Server,name=synchronizeUserProfile
type=PerAPI,module=XUserModule$Server,name=testCreateUser
type=PerAPI,module=XUserModule$Server,name=unlockUser
type=PerAPI,module=XUserModule$Server,name=updateUser
type=PerAPI,module=XVoiceModule$Server,name=bookmark
type=PerAPI,module=XVoiceModule$Server,name=call
type=PerAPI,module=XVoiceModule$Server,name=callOther
type=PerAPI,module=XVoiceModule$Server,name=getCallStatusInfo
type=PerAPI,module=XVoiceModule$Server,name=hangUp
type=PerAPI,module=XVoiceModule$Server,name=hangUpOther
type=PerAPI,module=XVoiceModule$Server,name=mute
type=PerAPI,module=XWidgetModule$Server,name=createWidget
type=PerAPI,module=XWidgetModule$Server,name=createWidgetChat
type=PerAPI,module=XWidgetModule$Server,name=createWidgetComment
type=PerAPI,module=XWidgetModule$Server,name=getAllWidgets
type=PerAPI,module=XWidgetModule$Server,name=getEnabledWidgets
type=PerAPI,module=XWidgetModule$Server,name=getWidget
type=PerAPI,module=XWidgetModule$Server,name=removeWidget
type=PerAPI,module=XWidgetModule$Server,name=setWidgetEnabled
type=PerAPI,module=XWidgetModule$Server,name=setWidgetName
type=PerAPI,module=XWidgetModule$Server,name=updateWidgetSoon
type=PerMethod,name=/Admin
type=PerMethod,name=/AdminBroadcast
type=PerMethod,name=/AdminCreateTestUsers
type=PerMethod,name=/AdminDbStatsViewer
type=PerMethod,name=/AdminDisconnect
type=PerMethod,name=/AdminLogLevels
type=PerMethod,name=/AdminLogViewer
type=PerMethod,name=/AdminObjectEditor
type=PerMethod,name=/AdminObjectViewer
```

```
type=PerMethod,name=/AdminReports
type=PerMethod,name=/AdminSessions
type=PerMethod,name=/AdminThreadDump
type=PerMethod,name=/Bug
type=PerMethod,name=/Captcha
type=PerMethod,name=/Client
type=PerMethod,name=/ConversationArchive
type=PerMethod,name=/ConversationArchiveApi
type=PerMethod,name=/ConversationBrowser
type=PerMethod,name=/ConversationPicture
type=PerMethod,name=/ConversationPictureDataUriApi
type=PerMethod,name=/ConversationPictureDownloadApi
type=PerMethod,name=/ConversationPictureUploadApi
type=PerMethod,name=/ConversationProperties
type=PerMethod,name=/ConversationSearch
type=PerMethod,name=/Dav
type=PerMethod,name=/DeviceBrowser
type=PerMethod,name=/DeviceCreate
type=PerMethod,name=/DeviceDelete
type=PerMethod,name=/DeviceProperties
type=PerMethod,name=/DocumentBrowser
type=PerMethod,name=/DocumentCreate
type=PerMethod,name=/DocumentDownload
type=PerMethod,name=/DocumentDownloadApi
type=PerMethod,name=/DocumentOpen
type=PerMethod,name=/DocumentPageApi
type=PerMethod,name=/DocumentPages
type=PerMethod,name=/DocumentProperties
type=PerMethod,name=/DocumentRangeApi
type=PerMethod,name=/DocumentRendition
type=PerMethod,name=/DocumentRenditionApi
type=PerMethod,name=/DocumentThumbnailApi
type=PerMethod,name=/DocumentUploadApi
type=PerMethod,name=/DocumentUploadMultipleApi
type=PerMethod,name=/DocumentVersion
type=PerMethod,name=/GroupBrowser
type=PerMethod,name=/GroupProperties
type=PerMethod,name=/HiveConfiguration
type=PerMethod,name=/Logout
type=PerMethod,name=/OSFeatureBrowser
type=PerMethod,name=/OSFeatureCreate
type=PerMethod,name=/OSFeatureDelete
type=PerMethod,name=/OSFeatureFileBrowser
type=PerMethod,name=/OSFeatureFileCreate
type=PerMethod,name=/OSFeatureFileDelete
type=PerMethod,name=/OSFeatureFileDownload
type=PerMethod,name=/OSFeatureFileMoveDown
type=PerMethod,name=/OSFeatureFileMoveUp
type=PerMethod,name=/OSFeatureFileProperties
type=PerMethod,name=/OSFeatureFileUpload
type=PerMethod,name=/OSFeatureGetApi
type=PerMethod,name=/OSFeatureProperties
type=PerMethod,name=/OSGadgetBrowser
type=PerMethod,name=/OSGadgetCreate
type=PerMethod,name=/OSGadgetDelete
type=PerMethod,name=/OSGadgetGetApi
type=PerMethod,name=/OSGadgetLaunch
type=PerMethod,name=/OSGadgetProperties
type=PerMethod,name=/OSGadgetSeed
type=PerMethod,name=/OSGadgetUpload
```

```
type=PerMethod,name=/OSJsonGetApi
type=PerMethod,name=/OSProxyGetApi
type=PerMethod,name=/OSRelayGetApi
type=PerMethod,name=/OssoLogin
type=PerMethod,name=/OssoLogout
type=PerMethod,name=/PasswordReset
type=PerMethod,name=/PasswordResetVerification
type=PerMethod,name=/RealmBrowser
type=PerMethod,name=/RealmDatabaseProperties
type=PerMethod,name=/RealmLDAPCreate
type=PerMethod,name=/RealmLDAPProperties
type=PerMethod,name=/RealmNotification
type=PerMethod,name=/RemoteJSON
type=PerMethod,name=/RemoteJSONBatch
type=PerMethod,name=/RemoteXML
type=PerMethod,name=/RemoteXMLBatch
type=PerMethod,name=/RepositoryBrowser
type=PerMethod,name=/RepositoryDelete
type=PerMethod,name=/RepositoryUCMCreate
type=PerMethod,name=/RepositoryUCMProperties
type=PerMethod,name=/SignupSelf
type=PerMethod,name=/SignupVerification
type=PerMethod,name=/SystemReport
type=PerMethod,name=/TrackBrowser
type=PerMethod,name=/TrackProperties
type=PerMethod,name=/TrackSearch
type=PerMethod,name=/TrendChart
type=PerMethod,name=/TrendInspector
type=PerMethod,name=/TrendReport
type=PerMethod,name=/TrendViewer
type=PerMethod,name=/UserBroadcast
type=PerMethod,name=/UserBrowser
type=PerMethod,name=/UserCreate
type=PerMethod,name=/UserCreateSystem
type=PerMethod,name=/UserDelete
type=PerMethod,name=/UserNotification
type=PerMethod,name=/UserPicture
type=PerMethod,name=/UserPictureDataUriApi
type=PerMethod,name=/UserPictureDownloadApi
type=PerMethod,name=/UserPictureUploadApi
type=PerMethod,name=/UserProfile
type=PerMethod,name=/UserProperties
type=PerMethod,name=/UserReminder
type=PerMethod,name=/UserUnlock
type=PoolStatistics,name=XMLReader
type=PushStatistics,name=APNS
type=PushStatistics,name=BPSS
type=PushStatistics,name=SMS
type=SessionStatistics
type=SystemStatistics
type=UserStatistics
type=XCache,name=XObjectReadCache
```