

Oracle® Configuration Controls Governor
Integra Apps User Guide
Release 5.1.3

September 2008

Oracle Configuration Controls Governor: Integra Apps User Guide

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Introducing Integra Apps

Integra Apps, a component of Oracle Configuration Controls Governor, provides internal control of your ERP application setups. Easy-to-use definitions let you:

- Take snapshots, which document ERP application setups.
- Create comparisons of Snapshots, to show how ERP application setups have changed across:
 - Time
 - Operating Units or Organizations
 - Sets of Books
 - ERP instance versions
 - ERP instances
- Use change tracking to monitor ERP application setup changes.
- Migrate ERP application setup data from one ERP instance to another.

How to Use Integra Apps

You begin using Integra Apps by creating definitions:

- Snapshot definitions record setup data for a specified ERP application on a specified ERP instance
- Change tracking definitions set up ongoing monitoring of specified ERP applications and instances.
- Migration definitions move specified ERP application setup data from one ERP instance to another.

Once you've tested each definition, you schedule it to run, either immediately or according to a schedule, as appropriate. You can create as many definitions as you like, and reuse them anytime.

To get started:

1. Decide what kind of definition you'll create first.

2. Create, test, and schedule the definition. See “Create Snapshots of ERP Application Setups” (page 2-1), “Track Changes to ERP Application Setups” (page 2-13) or “Migrate ERP Application Setups” (page 2-20).

Prerequisites and Assumptions

It is assumed that:

- Integra Apps has been installed and configured. To install, see the *Integra Apps Installation Guide*. To configure, see the *Integra Apps Administration Guide*.
- Integra Apps users are also ERP application users with sysadmin, superuser, or user privileges.
- Integra Apps users are familiar with the use of the ERP application software.

How To

This chapter discusses how to create snapshots of ERP application setups, compare those snapshots, track changes to ERP application setups, migrate them, schedule definitions and work with jobs, and use LOVs.

Create Snapshots of ERP Application Setups

Each snapshot records setup data for a specified ERP application on a specified ERP instance.

To create a snapshot, you will:

- Create a snapshot definition
- Test the definition
- Lock the definition
- Schedule the definition for recurring execution
- Optionally, share the definition with other Integra Apps users

Note: To simplify setup and reporting, Apps 5.1.3 allows only one application in each snapshot definition. Each snapshot definition that had more than one application has been broken into multiple definitions, one per application.

The following detailed instructions are written in the assumption that your Integra Administrator has given you the Apps User and Apps Snapshot Scheduler roles. If you do not have the Apps User role, you cannot create or edit definitions. If you do not have the Apps Snapshot Scheduler role, you cannot schedule definitions.

Log In

To begin working with Integra Apps, log in:

1. Open a web browser window and visit the Integra Secure Login page:

```
http://hostname/web-application-name
```

In this command, *hostname* is the domain name of the web server configured to serve Integra, and *web-application-name* is the name of the Integra web application (usually *integra*).

If you have an Integra icon on your desktop, double-clicking it opens this page.



2. Enter your username and password, and click Log in.

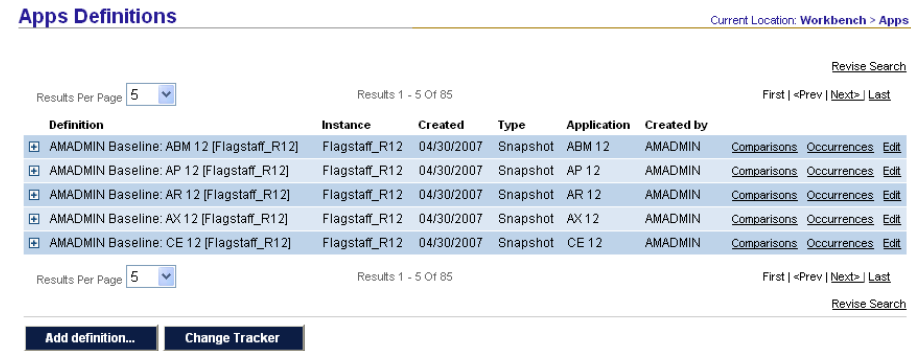
Create a Definition

Next, create a definition:

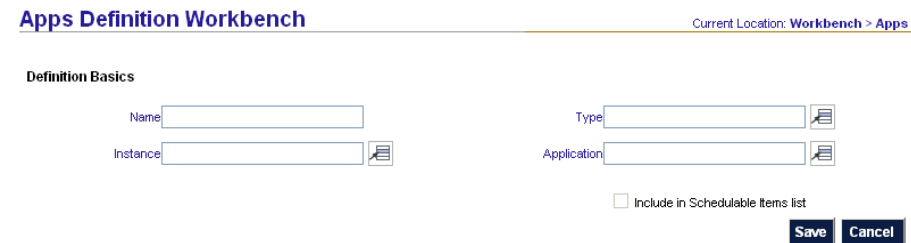
1. Select Workbench > Apps from the menu bar.



A list of Apps definitions appears.



2. Click Add definition.... A blank definition appears.



3. Enter the following information:
 - Name. A short name that will identify this definition.
 - Instance. ERP instance that contains the application setup data to snapshot, migrate or track.
 - Type. There are three choices: Snapshot, to report on ERP application setup data; Migration, to migrate setup data; and Change Tracking, to monitor changes to setup data. For this procedure, choose Snapshot.
 - Application. ERP application to snapshot, migrate or track.

- Include in Scheduled Items List. When checked, this definition will appear in the list of schedulable items when scheduling jobs. Disabled until at least one object has been added to the definition.
4. Click Save. The page is refreshed, displaying the objects, Global Conditions, Sharing, and Programs sections.

Apps Definition Workbench Current Location: [Workbench > Apps](#)

Definition Basics


Name **PA 1** Type **Snapshot**
 Instance **PS88_Glendale** Application **HPA 8.8**

Include in Schedulable Items list

Objects

[Add object...](#) [Add all objects](#)

Global Conditions

Set ID 

[Lock Objects and Conditions](#)

Sharing

[Share](#)

Programs

Program	Stop After	Skip	Run Before	Run After	Notify
1. Generate Occurrence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>


[Schedule](#) [Save](#) [Save As](#) [Restore](#) [Back](#)

5. Click Add object.... The Objects page appears.

Apps Definition Workbench Current Location: [Workbench > Apps](#)

Objects Definition: **PA 1** Instance: **PS88_Glendale** Type: **Snapshot** Application: **HPA 8.8**


Add object...


Object  Enabled


[Cancel](#)

[Back](#)

The page contains these fields:


- Object. Group of setup data to be recorded. Clicking  will list objects that belong to the ERP applications. Configuration Controls includes a wide range of objects, and you can use MetaBuilder to add custom objects.
- Enabled. When checked, the object's setup data will be recorded whenever the definition is executed.
- Field1, Field2, ...FieldN. Integra Apps uses values entered here to filter the data to be recorded. The fields displayed depend on the object chosen; until you choose an object, no fields are displayed.














When you click  to the right of a field, all possible values are displayed, regardless of your security groups (which can limit your access to applications, business groups, organization units, and sets of books.) Snapshot results contain only the data permitted by your security groups. For information about security groups, see the *Integra Apps Administration Guide*.

- Click the  button to the right of Object, and select an object. The page is refreshed with fields appropriate to the object you have chosen; here is an example.

Apps Definition Workbench Current Location: [Workbench](#) > [Apps](#)

Objects Definition: **Financials 1** Instance: **APS11510** Type: **Snapshot** Application: **AR 11.5.10**

Add object...
Object  Enabled

	Operator	Value	
Name	--- Select one ---	<input type="text"/>	
Base Amount	--- Select one ---	<input type="text"/>	
Description	--- Select one ---	<input type="text"/>	
Allow Discount on Partial Payments	--- Select one ---	<input type="text"/>	
Collect Credit Card Prepayment	--- Select one ---	<input type="text"/>	
Credit Check	--- Select one ---	<input type="text"/>	
Discount Basis	--- Select one ---	<input type="text"/>	
Effective Date From	--- Select one ---	<input type="text"/>	
Effective Date To	--- Select one ---	<input type="text"/>	
Print Lead Days	--- Select one ---	<input type="text"/>	
Installment Options	--- Select one ---	<input type="text"/>	
Cutoff Day of Month	--- Select one ---	<input type="text"/>	
Last day of month	--- Select one ---	<input type="text"/>	

- To filter setup data, set the Operator and Value of one or more fields.
- Click Save. The page refreshes, displaying a summary of the object.
- To include another object in the reporting, repeat steps 5–8. You may add as many objects as you wish.
- Click Back. The definition page reappears.


Apps Definition Workbench Current Location: [Workbench](#) > [Apps](#)

Definition Basics


Name **Financials 1** Type **Snapshot**
Instance **APS11510** Application **AR 11.5.10**


Include in Schedulable Items list

Objects

Object	Enabled	
 AR Payment Terms	Yes	Edit Delete

Global Conditions

Organization 

Set of Books 

Sharing

Programs

Program	Stop After	Skip	Run Before	Run After	Notify
1. Generate Occurrence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

- Check the Include in Schedulable items list checkbox.

12. To add global conditions to the definition, enter the following information for Oracle E-Business Suite:

- Organization. ERP organization to include in snapshot.
- Set of Books. ERP set of books to include in snapshot.

Or, for PeopleSoft Enterprise, enter SetID. This gathers values such as vendors, ChartFields, or customers into groups. It may be used by any number of business units.

13. Click Save.

Test the Definition

Once the definition is complete, test it. First, schedule the definition to run once:

1. Click Schedule.... The Schedule a Job page appears.

2. Click Schedule to start the job immediately. The View Current Jobs page appears. Click Refresh to see your job (in this example, 5035).

Job ID	Status	User	Items to Execute	Start Date/Time
5035	RUNNING	AMADMIN	Apps: Financials 1	2007-05-01 17:53:50 America/New_York
5375	COMPLETED	MCOOKER	Apps: Change Tracking Transfer	2007-05-01 14:45:00 America/New_York
5374	COMPLETED	MCOOKER	Apps: Change Tracking Transfer	2007-04-30 14:45:00 America/New_York
5373	COMPLETED	MCOOKER	Apps: Change Tracking Transfer	2007-04-27 14:45:00 America/New_York
5372	COMPLETED	MCOOKER	Apps: Change Tracking Transfer	2007-04-26 14:45:00 America/New_York

Next, view the resulting snapshot reports:

1. Monitor the job until it is completed.

Program	Definition	Status	Started
Generate Occurrence	Financial 1	Completed	2006-03-24 15:08:36 America/New_York

- Click Details to the right of Generate Occurrence. The Apps Occurrence Objects page appears. Expand the row for any object to view its conditions.

Apps Occurrence Objects Current Location: [Workbench > Apps](#)

26 Apr 07 for Definition: [ag1_59_qa_training_gl2](#) Instance: [ag1_59](#) Type: **Snapshot** Application: [GL 11.5.9](#)

<input type="checkbox"/> Object	Enabled	
<input checked="" type="checkbox"/> Set of Books	Yes	Values
<input checked="" type="checkbox"/> Column Set	Yes	Values

- Begin to generate a snapshot report. Do either of the following:
 - Include multiple objects in the report. Click **Export all...** to include all objects, or click the checkboxes to the left of objects you want to include and click **Export selected**.
 - Include one object in the report, and select values for it. Click the **Values** link for an individual object to view its primary records. (To filter the values, click **Revise Search**.)

Apps Occurrence Object Values Current Location: [Workbench > Apps](#)

26 Apr 07 Definition: [ag1_59_qa_training_gl2](#) Instance: [ag1_59](#) Type: **Snapshot** Application: [GL 11.5.9](#) Object: [Set of Books](#) [Revise Search](#)

Results Per Page: Results 1 - 20 Of 57 First | [<Prev](#) | [Next>](#) | Last

<input type="checkbox"/> Set of Books
<input type="checkbox"/> GASB34
<input type="checkbox"/> OPM US
<input type="checkbox"/> PS Germany
<input type="checkbox"/> Progress FR
<input type="checkbox"/> Progress State & Local
<input type="checkbox"/> Progress UK
<input type="checkbox"/> US Federal
<input type="checkbox"/> Vision ADB (USA)
<input type="checkbox"/> Vision ADB Holdings (UK)
<input type="checkbox"/> Vision Argentina Adjusted
<input type="checkbox"/> Vision Argentina Historic
<input type="checkbox"/> Vision Australia
<input type="checkbox"/> Vision Bank - London (GBP)
<input type="checkbox"/> Vision Bank - London MRC (EUR)
<input type="checkbox"/> Vision Bank - London MRC (USD)
<input type="checkbox"/> Vision Belgium
<input type="checkbox"/> Vision Brazil
<input type="checkbox"/> Vision Brazil (USD Report)
<input type="checkbox"/> Vision Communications (USA)
<input type="checkbox"/> Vision Corporation (UK)

Results Per Page: Results 1 - 20 Of 57 First | [<Prev](#) | [Next>](#) | Last

[Revise Search](#)

Click **Export all** to include all values in the report, or click the checkboxes to the left of the values that you want to include and click **Export selected**.

4. In either case, an Export page appears:

Export Current Location: [Workbench > Apps](#)

Show...

Displayed fields only Field Descriptions
 All fields Column names
 Template Both

Format

HTML
 PDF (Acrobat Reader)
 CSV (Microsoft Excel)

Export **Back**

Select the report's contents and format, and click Export.

If the definition must be revised:

1. Select Workbench > Apps from the menu bar. A list of Apps definitions appears.
2. Find the definition if it is not visible. You can change the number of Results Per Page, click Next > or Last, or click Revise Search.
3. Click Edit to the right of the definition's name. The definition appears.
4. Change the definition's settings as desired.
5. Your changes to any part of the definition are saved when you click Save.

Schedule the revised definition to run once:

1. While still viewing the definition, click Schedule.... The revised definition is saved and the Schedule a Job page appears.
2. Click Submit to run the job immediately. The View Current/Past Jobs page appears.

Then view the snapshot reports:

1. Watch the new job you've created. When the Generate Occurrence program is done, click Details. The Apps Occurrence Details page appears. View the reports.
2. Repeat the preceding steps until the definition provides the desired results.

Lock the Definition

Once the definition passes its test, lock it:

1. Select Workbench > Apps from the menu bar. You are returned to the Apps Definitions page.
2. Click Edit to the right of the definition's name.
3. Click Lock definition.... A confirmation message appears.
4. Click OK to continue, or Cancel to return to testing the existing definition.

Use the Definition

To use the definition, click Schedule.... The Schedule a Job page appears.

1. Set the page's options. To schedule other definitions or programs to run sequentially before or after your Apps definition, click Add item... (For details, see "Schedule Definitions and Work with Jobs" on page 2-25.)
2. Click Schedule. Each time the definition is run, a new occurrence is created. To view or compare occurrences, select Workbench > Apps from the menu bar and click Occurrences to the right of the definition's name. To learn how to compare occurrences, see "Compare Snapshots" (below).

Share the Definition

Once you have locked the definition's conditions, you may make it visible to other users. If those users have been assigned the necessary roles, they can view existing occurrences (Apps User) and schedule the definition (Apps Snapshot Scheduler).

1. Select Workbench > Apps from the menu bar.
2. Click Edit to the right of the definition's name.
3. Click Share. The Share page appears.
4. Select the Apps users to share with, and click Share.
5. Click Save.

Compare Snapshots

Integra Apps lets you find the differences between ERP application setups by comparing snapshot occurrences. You can compare occurrences from different points in time and different ERP instances.

- To summarize, you will:
- Search for the occurrences to compare.
- Run the comparison.
- View the reports.

Here are detailed instructions. First, search for the occurrences to compare:

1. Select Workbench > Apps from the menu bar. A list of definitions appears.

Apps Definitions Current Location: [Workbench > Apps](#)

[Revise Search](#)

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Definition	Instance	Created	Type	Application	Created by			
AMADMIN Baseline: ABM 12 [Flagstaff_R12]	Flagstaff_R12	04/30/2007	Snapshot	ABM 12	AMADMIN	Comparisons	Occurrences	Edit
AMADMIN Baseline: AP 12 [Flagstaff_R12]	Flagstaff_R12	04/30/2007	Snapshot	AP 12	AMADMIN	Comparisons	Occurrences	Edit
AMADMIN Baseline: AR 12 [Flagstaff_R12]	Flagstaff_R12	04/30/2007	Snapshot	AR 12	AMADMIN	Comparisons	Occurrences	Edit
AMADMIN Baseline: AX 12 [Flagstaff_R12]	Flagstaff_R12	04/30/2007	Snapshot	AX 12	AMADMIN	Comparisons	Occurrences	Edit
AMADMIN Baseline: CE 12 [Flagstaff_R12]	Flagstaff_R12	04/30/2007	Snapshot	CE 12	AMADMIN	Comparisons	Occurrences	Edit

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[Revise Search](#)

[Add definition...](#) [Change Tracker](#)

2. Find the definition that generated one of the occurrences you want to compare.

- Click Occurrences to the right of the definition name. A list of occurrences appears.

Apps Occurrences Current Location: [Workbench > Apps](#)

for Definition: Instance: **ag1_59** Type: **Snapshot** Application: **GL 11.5.9** [Revise Search](#)

Results Per Page: Results 1 - 10 Of 10 First | <Prev | Next> | Last

Start Date/Time	Status	Instance	Definition	Type	Application	Scheduled by	
26 APR 07 01:59:16	Complete	ag1_59	ag1_59_qa_training_gl2	Snapshot	GL 11.5.9	AMADMIN	Compare Objects
25 APR 07 11:45:03	Complete	ag1_59	ag1_59_qa_training_gl2	Snapshot	GL 11.5.9	AMADMIN	Compare Objects
25 APR 07 08:05:31	Complete	ag1_59	ag1_59_qa_training_gl2	Snapshot	GL 11.5.9	AMADMIN	Compare Objects
12 APR 07 02:02:48	Complete	ag1_59	ag1_59_qa_training_gl2	Snapshot	GL 11.5.9	AMADMIN	Compare Objects

Results Per Page: Results 1 - 10 Of 10 First | <Prev | Next> | Last

[Revise Search](#)

Back

- Find the first occurrence that you want to compare. Either use the First, < Prev, Next >, and Last links to browse the list of all occurrences; or click Revise Search. Enter your search criteria and click Search to locate the occurrence.
- Click Compare. A page displays the first occurrence and a search form.

Apps Occurrences Current Location: [Workbench > Apps](#)

Compare Occurrences

Occurrence 1:

Start Date/Time	Status	Instance	Definition	Type	Application	Scheduled by
26 APR 07 01:59:16	Complete	ag1_59	ag1_59_qa_training_gl2	Snapshot	GL 11.5.9	AMADMIN

Search for Occurrence 2:

Instance: equals

Definition Name: equals

Run Date: equals

Search **Clear**

Create Occurrence 2:

Instance: equals

Definition Name: equals

Back

- If the second occurrence was generated by the same definition as the first, click Search to find the second occurrence. Once you have located the second occurrence, click Compare. If you want to generate the second occurrence now, click Schedule.

The Comparison Options page appears:

Comparison Options Current Location: [Workbench > Apps](#)

for Definition: **ap_terms 24 MAR 06 02:27:10** Compare To: **ap_terms 24 MAR 06 02:19:55** Version: **11.5.10** ScheduledBy: **AMADMIN**

Method

Compare same records

Compare two organizations/sets of books

Force comparison and map Values

Schedule **Back**

The following options are available:

- Compare Same Records. Matches primary records in two snapshot occurrences, and then identifies the differences in their fields' values.
- Compare Two Organizations/Sets of Books. Matches primary records in snapshots of two different organizations and/or sets of books, and then identifies the differences in their fields' values.

Both snapshots must cover the same instance, product family version, and objects; must have at least one global condition; and must have global conditions on the same parameters (i.e., both must have global conditions for Organization, for Set of Books, or for both Organization and Set of Books).

- Force Comparison/Map Values. Matches primary records according to your specifications, and then identifies the differences in their fields' values.

When you select Force Comparison/Map Values, the page refreshes, displaying the Add values button.

Comparison Options

Current Location: [Workbench > Apps](#)

for Definition: **ap_terms 24 MAR 06 02:27:10** Compare To: **ap_terms 24 MAR 06 02:19:55** Version: **11.5.10** ScheduledBy: **AMADMIN**

Method

- Compare same records
- Compare two organizations/sets of books
- Force comparison and map Values

Add values...

Schedule **Back**

Click Add values. The page refreshes again, displaying the Value A and Value B fields.

Comparison Options

Current Location: [Workbench > Apps](#)

for Definition: **ap_terms 24 MAR 06 02:27:10** Compare To: **ap_terms 24 MAR 06 02:19:55** Version: **11.5.10** ScheduledBy: **AMADMIN**

Method

- Compare same records
- Compare two organizations/sets of books
- Force comparison and map Values

Value A

Value B

Save Cancel

Schedule **Back**

To map one primary record to another, select values for Value(s) A and Value(s) B, and click Save.

To perform a one-to-many comparison (e.g., to ensure setup conformity across various entities), specify only a baseline record in Value A (Integra Apps compares all other primary records to this one) and leave Value B blank. Then click Save.

When you click Save, the page refreshes, displaying a summary of the mapping.

Comparison Options

Current Location: [Workbench > Apps](#)

Success Options added Successfully

for Definition: **ap_terms 24 MAR 06 02:27:10** Compare To: **ap_terms 24 MAR 06 02:19:55** Version: **11.5.10** ScheduledBy: **AMADMIN**

Method

Compare same records
 Compare two organizations/sets of books
 Force comparison and map Values

Value(s) A	Value(s) B	Delete
2/10 NET 30 US	2N30 US	Delete

[Add values...](#)

[Schedule](#) [Back](#)

To add another mapping, click Add mapping.... You can add as many mappings as you desire.

7. Click Schedule. The Schedule a Job page appears.
8. To generate the comparison immediately, click Schedule; to schedule it for later, change the Start options and click Schedule.
9. Watch the new job you've created. When the Comparison program is done, click Details to the right of Generate Comparison Occurrence.

Program	Definition	Status	Started	Log	Details
<input checked="" type="checkbox"/> Generate Snapshot Occurrence	Compare-Snapshots	✓ Completed	2006-03-24 15:36:32 America/New_York	Log	Details
<input checked="" type="checkbox"/> Generate Comparison Occurrence	Compare-Snapshots	✓ Completed	2006-03-24 15:36:33 America/New_York	Log	Details

The Apps Comparison Objects page appears.

Apps Comparison Objects

Current Location: [Workbench > Apps](#)

24 Mar 06 for Definition: **ap_terms** Instance: **qa916e10** Type: **Snapshot** Application: **AP 11.5.10** for comparison to: **ap_terms**

Object	Differences	Enabled	Values				
<input checked="" type="checkbox"/> AP Payment Terms	4	Yes	Values				
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name, Language:</th> <th style="text-align: left;">Name, Language:</th> </tr> </thead> <tbody> <tr> <td style="border-bottom: 1px solid gray;">2/10 NET 30,US</td> <td style="border-bottom: 1px solid gray;">2N30,US</td> </tr> </tbody> </table>	Name, Language:	Name, Language:	2/10 NET 30,US	2N30,US			
Name, Language:	Name, Language:						
2/10 NET 30,US	2N30,US						

[Export selected...](#) [Export all...](#) [Back](#)

10. To view an individual object's primary record comparison, click Values.
11. To generate a report or see more details than are presented on-screen, select the items you want and click Export selected, or click Export all. The Export page appears. Select a format for the report and click Export to view the report.

Review a Comparison Made Previously

Integra Apps stores the comparisons you make, allowing you to review them at any time. To review a comparison:

1. Select Workbench > Apps from the menu bar. A list of Apps definitions appears.

- Find the definition that contains the comparison that you want to view.
- Once you have located the definition, click Comparisons to the right of its name. The Apps Comparisons page appears.

Apps Comparisons

Current Location: [Workbench](#) > [Apps](#)

for Definition: Instance: Type: Application:

[Revise Search](#)

Results Per Page

Results 1 - 1 Of 1

First | <Prev | Next> | Last

Start Date/Time	Status	Definition	Occurrence	Compare To	Occurrence To	Version	Scheduled by	Objects
16 APR 07 02:37:54	Complete	snapshot	16 APR 07 01:20:10	snapshot	16 APR 07 02:37:54	11.5.9	AMADMIN	Objects

Results Per Page

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[Revise Search](#)

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- Find the comparison run that contains the comparison that you want to view. Do one of the following:
 - Use the First, < Prev, Next > and Last links to browse the list of comparison runs.
 - Click Revise Search. Enter your search criteria and click Search to locate the comparison that you want to view.

Expand any row to view the comparison details.

- Click Objects to view the objects compared within the comparison run. The Apps Comparison Objects page appears.

Apps Comparison Objects

Current Location: [Workbench](#) > [Apps](#)

24 Mar 06 for Definition: **ap_terms** Instance: **qa9i6e10** Type: **Snapshot** Application: **AP 11.5.10** for comparison to: **ap_terms**

Object	Differences	Enabled	Values
<input type="checkbox"/> <input type="checkbox"/> AP Payment Terms	4	Yes	Values

Name, Language:

2/10 NET 30,US

Name, Language:

2N30,US

[Export selected...](#)

[Export all...](#)

[Back](#)

- View a report. Do either of the following:
 - Include some or all objects in the report. Click Export all... to include all objects in the report, or click the checkboxes to the left of the objects you want to include in the report and click Export Selected. In either case, the Export page appears.

Export

Current Location: [Workbench](#) > [Apps](#)

Show...

- Displayed fields only
 All fields

Format

- HTML
 PDF (Acrobat Reader)
 CSV (Microsoft Excel)

[Export](#)

[Back](#)

Select a format for the report and click Export.

- Include selected values from one object in the report: Click Values to view an individual object's primary records.

Apps Comparison Object Values Current Location: [Workbench](#) > [Apps](#)

24 Mar 06 for Definition: **ap_terms** Instance: **qa916e10** Type: **Snapshot** Application: **AP 11.5.10** Object: **AP Payment Terms** for comparison to: **ap_terms** [Revise Search](#)

Results Per Page Results 1 - 1 Of 1 First | <Prev | Next> | Last

<input type="checkbox"/>	Name, Language:	Name, Language:
<input type="checkbox"/>	2/10 NET 30,US	2N30,US

Results Per Page Results 1 - 1 Of 1 First | <Prev | Next> | Last [Revise Search](#)

To filter the values, click Revise Search.

Click Export all to include all values in the report, or click the checkboxes to the left of the values that you want to include and click Export selected. The Export page appears, as above. Select a format for the report and click Export.

7. Select the comparison report options and click Export.
8. View the report.

Track Changes to ERP Application Setups

Integra Apps' Change Tracker monitors changes to ERP application setup data. Before you can use the Change Tracker, you must run one or more Change Tracking definitions, which specify the objects to monitor and the level of detail to record.

Each time you configure Integra Apps for an ERP instance, it automatically generates Change Tracking definitions for the ERP applications that you have licensed. You can save a considerable amount of time by using these definitions instead of building your own from scratch.

To summarize, you will:

- Search for an auto-generated change tracking definition.
- Edit the definition to specify what to track.
- Run the definition to deploy Change Tracking functionality to the ERP instance.
- View the Change Tracker.
- Optionally, specify Change Tracker queries and alerts.

The following detailed instructions are written in the assumption that your Integra Administrator has given you the Apps User and Apps Change Tracking Scheduler roles. If you do not have the Apps User role, you cannot create or edit definitions. If you do not have the Apps Change Tracking Scheduler role, you cannot schedule definitions.

Search for an Auto-Generated Change Tracking Definition

To search for an auto-generated change tracking definition:

1. Log into Integra as the Baseline Definition Owner that was specified when the ERP Instance was configured (for more information, see “Quick Start: Configure Integra for each ERP instance: Configure Integra Apps” in the *Integra Apps Administration Guide*).
2. Select Workbench > Apps from the menu bar. A list of Apps definitions appears.

Apps Definitions Current Location: [Workbench > Apps](#)

[Revise Search](#)

Results Per Page Results 1 - 5 Of 85 First | <Prev | [Next](#) | Last

Definition	Instance	Created	Type	Application	Created by			
<input type="checkbox"/> AMADMIN Baseline: ABM 12 [Flagstaff_R12]	Flagstaff_R12	04/30/2007	Snapshot	ABM 12	AMADMIN	Comparisons	Occurrences	Edit
<input type="checkbox"/> AMADMIN Baseline: AP 12 [Flagstaff_R12]	Flagstaff_R12	04/30/2007	Snapshot	AP 12	AMADMIN	Comparisons	Occurrences	Edit
<input type="checkbox"/> AMADMIN Baseline: AR 12 [Flagstaff_R12]	Flagstaff_R12	04/30/2007	Snapshot	AR 12	AMADMIN	Comparisons	Occurrences	Edit
<input type="checkbox"/> AMADMIN Baseline: AX 12 [Flagstaff_R12]	Flagstaff_R12	04/30/2007	Snapshot	AX 12	AMADMIN	Comparisons	Occurrences	Edit
<input type="checkbox"/> AMADMIN Baseline: CE 12 [Flagstaff_R12]	Flagstaff_R12	04/30/2007	Snapshot	CE 12	AMADMIN	Comparisons	Occurrences	Edit

Results Per Page Results 1 - 5 Of 85 First | <Prev | [Next](#) | Last

[Revise Search](#)

3. Find the Change Tracking definition named for the ERP application and instance to monitor (if you’ve configured more than one ERP instance, there will be an auto-generated definition for each instance-application pair). Do one of the following:
 - Use the First, < Prev, Next > and Last links to browse the list of definitions.
 - Click Revise Search. A group of search fields appears.

Apps Definitions Current Location: [Workbench > Apps](#)

View existing definitions:

Type	equals	<input type="text"/>	<input type="button" value="🔍"/>
Instance	equals	<input type="text"/>	<input type="button" value="🔍"/>
Application	equals	<input type="text"/>	<input type="button" value="🔍"/>
Name	equals	<input type="text"/>	<input type="button" value="🔍"/>
Object	equals	<input type="text"/>	<input type="button" value="🔍"/>
Shared	equals	<input type="text"/>	<input type="button" value="🔍"/>
Date	equals	<input type="text"/>	<input type="button" value="🔍"/>

Enter your search criteria (e.g., Type equals Change Tracking) and click Search.

Edit the Definition to Specify What You Want to Track

Once you have located the definition, edit it:

1. Click Edit to the right of the definition name. The definition page appears (the objects listed depend on the application).

Apps Definition Workbench

Current Location: [Workbench > Apps](#)

Definition Basics

Name **AMADMIN CT Baseline: HPA 8.8**
Instance **PS88_Glendale**

Type **Change Tracking**
Application **HPA 8.8**

Include in Schedulable Items list

Objects

Object	All	Insert	Update	Delete
401(a)(17) OBRA93 Limits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
401(a)(17) Parameters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
401(a)(17) TRA88 Limits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
415 Limits Parameters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
415(e) Limit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delayed Retirement Credit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Duration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Function Result	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Group Definition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Max Taxable Wage Base	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PBGC Rates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plan Alias	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plan Implementation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plan Order	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Self Service Calc Defaults	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

[View object status](#)

[View object history](#)

[View tracker status](#)

Programs

Program **1. Deploy Change Tracking** Stop After Skip Run Before Run After Notify

[Schedule](#)

[Save](#)

[Save As](#)

[Restore](#)

[Back](#)

2. Check the Include in Schedulable Items list checkbox.
3. Set the following checkboxes for each object to be tracked:
 - All. Capture all the changes listed below.
 - Insert. Capture inserts and new records.
 - Update. Capture updates to existing records.
 - Delete. Capture deletions of existing records.
4. Click Save.

Run the Definition to Deploy Change Tracking

To deploy Change Tracking to the ERP instance:

1. Click Schedule.... The Schedule a Job page appears.

Schedule a Job Current Location: [Jobs](#) > [Schedule a Job](#)

Start

Immediately
 On at (hh24:mm) Etc/GMT+11(GMT-11:00)

Repeat

None (run once only)
 Minute
 Day
 Week
 Month
 Year

...until

No End Date
 End After Occurrences
 End By

Notify when

Completed Terminated Error Email

Items To Execute

Apps: AMADMIN CT Baseline: HPA 8.8 [Delete](#)

2. Click Schedule to start the job immediately. The View Current Jobs page appears.
3. Click Refresh to see your job.

5037	● RUNNING	AMADMIN	Apps: AMADMIN CT Baseline: AK 11.5.10	2006-03-24 15:45:14 America/New_York
------	--	---------	---------------------------------------	--------------------------------------

View the Details

To view Change Tracking details:

1. Watch the job you created until the status of the Deploy Change Tracking program changes to Completed.

5037	<input checked="" type="checkbox"/>	COMPLETED	AMADMIN	Apps: AMADMIN CT Baseline: AK 11.5.10	2006-03-24 15:45:14 America/New_York
Program	Definition	Status	Started		
<input checked="" type="checkbox"/> Deploy Change Tracking	AMADMIN CT Baseline: AK 11.5.10	<input checked="" type="checkbox"/> Completed	2006-03-24 15:45:14 America/New_York	Log Details	

2. Expand the job and click Details to the right of its name. The Apps Occurrence Objects page appears.

Apps Occurrence Objects Current Location: [Workbench](#) > [Apps](#)

17 Apr 07 for Definition: **AMADMIN CT Baseline: HPA 8.8** Instance: **PS88_Glendale** Type: **Change Tracking** Application: **HPA 8.8**

Object	Insert	Update	Delete	
401(a)(17) OBRA93 Limits (PS88_Glendale)	No	No	No	Details
415 Limits Parameters (PS88_Glendale)	No	No	No	Details
415(e) Limit (PS88_Glendale)	No	No	No	Details
Delayed Retirement Credit (PS88_Glendale)	Yes	No	No	Details
Duration (PS88_Glendale)	No	Yes	No	Details
Function Result (PS88_Glendale)	No	No	No	Details
Group Definition (PS88_Glendale)	No	No	No	Details
Plan Order (PS88_Glendale)	No	No	No	Details
Self Service Calc Defaults (PS88_Glendale)	No	No	No	Details

Use the Change Tracker

To use the Change Tracker:


1. Select Workbench > Apps from the menu bar.
2. Click the Change Tracker button. The Change Tracker appears; it displays information collected by all deployed Change Tracking Definitions. Here is an example:

Change Tracker Current Location: [Workbench > Apps](#)

Query:

Instance	ag1_59	ag1_r12	PS88_Glendale	Flagstaff_R12	PS9204
<input type="checkbox"/> Application	Changes	Changes	Changes	Changes	Changes
<input type="checkbox"/> GL 11.5.9	5				
<input type="checkbox"/> XLA 12				4	

[Status](#) [Query...](#) [Refresh](#) [Back](#)

To view an instance's applications, click any  button in the Instance row, and select the instance.

Note: If no applications are visible even after you choose an instance, select Jobs > View Current Jobs. Verify that the Change Tracking Transfer program has run at least once. (This program transfers change tracking data from the ERP instances to Integra Apps.) If it has not, select Jobs > View Future Jobs and see whether it is scheduled to run. If it is not, contact your Integra Administrator.

If the information shown seems out of date, perhaps the Change Tracking Transfer program has not run recently. Select Jobs > View Future Jobs and determine when it last ran.

To view details about an instance's changes, click any Changes link.

To view information about specific applications' changes on an instance, click any of the checkboxes on the left, and then click Changes.

Here is an example:

Change Tracker Objects Current location: [Workbench > Apps](#)

Instance: **ag1_59** Application: **GL 11.5.9**

<input type="checkbox"/> Application	Object	Last Modified	Changes	
<input type="checkbox"/> GL 11.5.9	Set of Books	04/13/07	2	Values
<input type="checkbox"/> GL 11.5.9	Statistical Units of Measure	04/13/07	3	Values

[Export selected ...](#) [Export all ...](#) [Back](#)

Clicking Values displays further details.

Change Tracker Object Values Current location: [Workbench](#) > [Apps](#)

Instance: **agl_59** Application: **GL 11.5.9** Object: **Statistical Units of Measure**

Results Per Page: Results 1 - 3 Of 3 [Revise Search](#) First | <Prev | Next> | Last

<input type="checkbox"/>	Chart Of Accounts Name, Account:	Last Modified	Changes
<input type="checkbox"/>	Operations Accounting Flex,1247	04/13/07	1
<input type="checkbox"/>	Operations Accounting Flex,7630	04/13/07	1

Date	Type	Table	User	Responsibility	Program	DB User	OS User
04/13/2007 04:48	Update	GL Statistical Account Units of Measure	SYSADMIN	General Ledger Super User	AFFS	agl	

Record	Field	Old Value	New Value	Changed?
Operations Accounting Flex,7630	Chart Of Accounts Name	Operations Accounting Flex	Operations Accounting Flex	No
Operations Accounting Flex,7630	Account	7630	7630	No
Operations Accounting Flex,7630	Unit Of Measure	Copy Usage	Copy Usage	No
Operations Accounting Flex,7630	Description	Copies performed to date	Copies performed to date test	Yes

Results Per Page: Results 1 - 3 Of 3 [Revise Search](#) First | <Prev | Next> | Last

[Export selected ...](#) [Export all ...](#) [Back](#)

If too many values are displayed, clicking Revise Search lets you shorten the list.

Change Tracker Object Values Current location: [Workbench](#) > [Apps](#)

Instance: **agl_59** Application: **GL 11.5.9** Object: **Statistical Units of Measure**

Organization:

Set of Books:

From Date:

To Date:

Chart Of Accounts Name, Account:

[Search](#) [Clear](#)

[Back](#)

Set Up Queries and Alerts

Optionally, you can set up queries and alerts. A query stores a set of criteria for filtering the data shown in the Change Tracker. The Change Tracker automatically loads the last query used.

An alert is an email message that lists new changes. Alerts are generated when the Change Tracking program runs. Alert recipients are specified in queries, so each alert message contains only the changes filtered by the query.

To set up a query:

1. While viewing the Change Tracker, click Query.... The Change Tracker Queries page appears (a few sample Queries are shown).

Change Tracker Queries Current location: [Workbench](#) > [Apps](#)

Query	Enabled	
changed	Yes	Use Edit Delete

[Add query...](#)

[Back](#)

You can add, edit and delete Queries using the links and buttons on this page.

2. Click Add query.... The Add query page appears.

Change Tracker Queries

Current Location: [Workbench > Apps](#)

Add query:

Name Enabled

Save

Back

3. Enter a Name, check the Enabled checkbox, and click Save. The page is re-freshed, displaying the Dates, Change Method, Types, Instances, Applications, Objects, Responsibilities, Users and Alerts sections

Change Tracker Queries

Current Location: [Workbench > Apps](#)

Add query:

Name Enabled

Dates

From To

Change Method

Types

Insert Update Delete

Instances

Add instance...

Applications

Add application...

Objects

Add object...

Responsibilities

Add responsibility...

Users

Add user...

Alerts

Add alert...

Save

Back

4. To find all changes for all instances, leave the rest of the query blank; to narrow the query's results, set one or more items.
 - Dates. Enter both values to specify a date range; enter only From to specify changes since a date; enter only To to specify changes until a date; or leave blank for all dates.

- Change Method. Specifies the origin of the change: Only application user's changes; Only SQL/nonstandard changes.
 - Types. Check any/all, or leave all blank for all types.
 - Instances. Specify one or more instances, or leave blank for all instances.
 - Applications. Specify one or more applications, or leave blank for all applications.
 - Objects. Specify one or more objects, or leave blank for all objects.
 - Responsibilities. Specify one or more responsibilities, or leave blank for all responsibilities.
 - Users. Specify one or more users, or leave blank for all users.
 - Alerts. Specify one or more email addresses to send an alert message to each time the Change Tracking Transfer program discovers new changes.
5. Click Save. The list of queries reappears.

Change Tracker Queries

Current location: [Workbench](#) > [Apps](#)

Query	Enabled	
Test 1	Yes	Use Edit Delete
changed	Yes	Use Edit Delete

[Add query...](#)

[Back](#)

6. Clicking Use to the right of any query displays the Change Tracker with only the changes found by the query. Each time you visit the Change Tracker, it automatically loads the last query used.

To set up an alert:

1. Add or edit a query.
2. In the Alerts section, click Add Alert.... Enter an alert recipient's email address.
3. Add as many recipients as you like.
4. Set the rest of the query's options to select only the changes to be reported in the alert.
5. Click the Save button.

Migrate ERP Application Setups

Integra Apps lets Oracle E-Business Suite users move application setup data from one instance to another.

Note: Migration can substantially affect the destination ERP instance. Do not run Migration definitions on your production environment until you have tested them on another instance and verified the results.

Oracle Application Integration Services has certified Integra Apps' migration functionality under its Integration Validation Program. It is recommended that

you verify migrated data using Oracle’s standard setup diagnostic scripts, which are available from Oracle’s MetaLink.

If you migrate an object that has Change Tracking enabled, there will be an influx of changes to the Change Tracker. If you do not want to capture these changes, disable Change Tracking for the object before migrating it.

To migrate setup data, you will:

- Create a migration definition.
- Schedule the definition.
- If you checked the Create Migration Data program’s Stop After checkbox in the definition, the definition’s job will pause after the setup data to be migrated has been obtained from the source ERP instance. Verify that the proper setup data has been obtained, and resume the definition’s job; the setup data will be migrated to the destination ERP instance
- Optionally, share the definition with other Integra Apps users.

The following detailed instructions are written in the assumption that your Integra Administrator has given you the Apps User and Apps Migration Scheduler roles. If you do not have the Apps User role, you cannot create or edit definitions. If you do not have the Apps Migration Scheduler role, you cannot schedule definitions.

Create a Migration Definition

To create a migration definition:

1. Select Workbench > Apps from the menu bar. A list of Apps definitions appears.
2. Click Add definition.... A blank definition appears.

The screenshot shows the 'Apps Definition Workbench' interface. At the top, it says 'Current Location: Workbench > Apps'. Below this is the 'Definition Basics' section. It contains four input fields: 'Name', 'Instance', 'Type', and 'Application'. Each field has a small icon to its right. Below the 'Application' field is a checkbox labeled 'Include in Schedulable Items list'. At the bottom right of the form are two buttons: 'Save' and 'Cancel'.

3. Enter the following information:
 - Name. A short name that will identify this definition.
 - Instance. ERP instance that contains the application setup data to snapshot, migrate or track.
 - Type. There are three choices: Snapshot, to report on ERP application setup data; Migration, to migrate setup data; and Change Tracking, to monitor changes to setup data. For this procedure, choose Migration.
 - Application. ERP application to snapshot, migrate or track.
 - Include in Scheduled Items List. When checked, this definition will appear in the list of schedulable items when scheduling jobs. It is disabled until at least one object has been added to the definition.

When you set Type to Migration, the page refreshes, displaying the Destination and Overwrite existing records fields.

Apps Definition Workbench

Current Location: [Workbench > Apps](#)

Definition Basics

Name Type

Instance Application

Destination

Overwrite existing records

Include in Schedulable Items list

Save **Cancel**

4. Enter the following additional information:

- Destination. Setup data will be migrated to this ERP instance.
- Overwrite existing records. When this option is checked, migrated records will replace corresponding records in the Destination instance, regardless of the records' creation date.

5. Click Save. The page refreshes, displaying the Objects, Sharing, and Programs sections.

Apps Definition Workbench

Current Location: [Workbench > Apps](#)

Definition Basics

Name **Migration test 1** Type **Migration**

Instance **ag1_59** Application **AR 11.5.9**

Destination **ra1_59**

Overwrite existing records

Include in Schedulable Items list

Objects

Add object... **Add all objects**

Sharing

Share

Programs

Program	Stop After	Skip	Run Before	Run After	Notify
1. Create Migration Data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
2. Update Data in Destination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Schedule **Save** **Save As** **Restore** **Back**

6. Click Add Object.... The Objects page appears.

Apps Definition Workbench

Current Location: [Workbench > Apps](#)

Objects Definition: **Migration test 1** Instance: **ag1_59** Type: **Migration** Application: **AR 11.5.9**


Add object...


Object Enabled

Cancel

Back

The page contains these fields:

- Object. Group of setup data to be recorded. Clicking  will list the objects that belong to the ERP applications. Configuration Controls includes a wide range of objects, and you can use MetaBuilder to add custom objects.
- Enabled. When checked, the object’s setup data will be recorded whenever the definition is executed.
- Field1, Field2, ...FieldN. Integra Apps uses values entered here to filter the data to be recorded. The fields displayed depend on the object chosen; until you choose an object, no fields are displayed.


In general, when you click  to the right of a field, all possible values are displayed, regardless of the security groups you belong to. (Security groups can limit your access to specific applications, business groups, organization units, and sets of books.) Snapshot results contain only the data permitted by your security groups. For information about security groups, see the *Integra Apps Administration Guide*.





7. Choose an object. The Objects page will be refreshed with fields appropriate to the object you have chosen; here is an example.

Apps Definition Workbench Current Location: [Workbench](#) > [Apps](#)

Objects Definition: **Migration test 1** Instance: **ag1_59** Type: **Migration** Application: **AR 11.5.9**

Add object...

Object  Enabled

	Operator	Value	
Username	--- Select one ---	<input type="text"/>	
Document Type	--- Select one ---	<input type="text"/>	
Currency	--- Select one ---	<input type="text"/>	
Reason Code	--- Select one ---	<input type="text"/>	

8. To filter the data to be migrated, set the operator and value of one or more fields.
9. Click Save. The page refreshes.

Apps Definition Workbench Current Location: [Workbench](#) > [Apps](#)

Success Object has been added

Objects Definition: **Migration test 1** Instance: **ag1_59** Type: **Migration** Application: **AR 11.5.9**

Object	Enabled	
<input type="checkbox"/> Approval Limits	Yes	Edit Delete

10. To include another object in the migration, click Add object... again. The new object is added when you click Save. You may add as many objects as you wish.

- Click Back. The definition page reappears.

Apps Definition Workbench

Current Location: [Workbench > Apps](#)

Definition Basics

Name	Migration test 1	Type	Migration
Instance	agt_59	Application	AR 11.5.9
Destination	ra1_59	<input type="checkbox"/>	Overwrite existing records
		<input type="checkbox"/>	Include in Schedulable Items list

Objects

Object	Enabled	
<input type="checkbox"/> Approval Limits	Yes	Edit Delete

Sharing

Programs

Program	Stop After	Skip	Run Before	Run After	Notify
1. Create Migration Data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
2. Update Data in Destination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

- Check the Include in Schedulable Items List check box.
- Click Save.

Schedule the Definition

To schedule the definition:

- Click Schedule. The Schedule a Job page appears.
- Set desired options, and click Schedule. The View Current/Past Jobs page appears.

Verify That the Proper Setup Data Has Been Obtained

To verify the migration:

- Find the job just created from your definition.
- When the Create Migration Data program's status changes to Completed, click Log.
- Verify that the desired setup data has been obtained from the source ERP instance. If it has, skip ahead to "Resume the Definition" (below). If it has not:
 - Click Back.
 - Find the job again, and click Terminate.
 - Select Workbench > Apps from the menu bar. A list of definitions appears.
 - Find your definition, and click Edit to its right. Note that the definition can no longer be changed.

- e. Click Save as....
- f. Enter the new definition's name and other required information, and click Save.
- g. Change the definition's settings as desired.
- h. Return to "Schedule the Definition" (above).

Resume the Definition

To migrate the data to the destination ERP instance:

1. Click Back.
2. Find the job again, and click Resume.
3. Once the job's status changes to Completed, verify that the destination ERP instance is functioning properly with the migrated setup data.

Share the Definition

As an option, you can make the definition visible to other users; they will be able to view existing occurrences and schedule the definition.

1. Select Workbench > Apps from the menu bar.
2. Click Edit to the right of the definition's name.
3. Click Share. The Share page appears.
4. Select the Apps users to share with, and click Share.
5. Click Save.

Schedule Definitions and Work with Jobs

Many actions you take when using Integra, such as scheduling a definition, cause the creation of jobs. Each job is a sequence of one or more programs. (When you schedule a definition, you're really scheduling a job that contains the sequence of programs that you saw when you created or edited the definition.)

Because the programs are executed in a sequence, if a program cannot be completed, the remaining programs in the sequence will not be executed.

Each job is scheduled to run on one or more occasions. (See "Schedule a Job," below).

All jobs scheduled for the future are listed on the View Future Jobs page (select Jobs > Future Jobs from the menu bar). All jobs being executed, or that already have been executed, are listed on the View Current Jobs page (Jobs > Current Jobs). See "View a Job's Status or Details" (page 2-29) for more information.

Schedule a Job

To schedule a job:

1. Prepare all definitions to be included in the job.

- Go to the Schedule a Job page (select Jobs > Schedule a Job from the menu bar, or click Schedule... while editing a definition or performing an administrative function).

Schedule a Job Current Location: Jobs > Schedule a Job

Start

Immediately

On at (hh24:mm)

Repeat

None (run once only)

Minute

Day

Week

Month

Year

...until

No End Date

End After Occurrences

End By

Notify when

Completed Terminated Error Email

Items To Execute

- In the upper part of the page, set schedule options. The default is to run the job once, immediately. If you select On..., you can choose these Repeat options:

- Minute — repeat every n minutes

Repeat

None (run once only) Every minutes

Minute

Day

Week

Month

Year

- Day — repeat every n days, every weekday, or every weekend day

Repeat

None (run once only) Every Days

Minute

Day

Week

Month

Year

Every weekday

Every weekend

- Week — repeat every n weeks on specified days

Repeat

None (run once only) Every week(s) on

Sunday Monday Tuesday Wednesday Thursday Friday Saturday

Minute

Day

Week

Month

Year

- Month — repeat every n months on a specified day

Repeat

None (run once only) Day Of Every month(s)

Minute

Day

Week

Month

Year

The Of Every month(s)

- Year — repeat every year on the specified day

Repeat

None (run once only)
 Every

The

 of

Minute
 Day
 Week
 Month
 Year

4. In the lower part of the page, include all items to be executed, in the desired order. When you click Add Item..., the Add Item to Job page appears.

Schedule a Job Current Location: [Jobs](#) > [Schedule a Job](#)

Items To Execute

Item

Add Item

Job Type:

Program Name:

When you select a Program Name, additional fields might appear.

Schedule a Job Current Location: [Jobs](#) > [Schedule a Job](#)

Items To Execute

Item

Add Item

Job Type:

Program Name:

Parameters

Instance:

Tablespace:

Set all additional items, and click Save to add the item to the job.

Schedule a Job Current Location: [Jobs](#) > [Schedule a Job](#)

SUCCESS Job has been added to the list

Items To Execute

Item

Platform: Create Tablespaces [Delete](#)

To add another item to execute, click Add Item. You can add as many items as you like.

When you are done adding items, click Back. The Schedule a Job page reappears.

Schedule a Job Current Location: [Jobs](#) > [Schedule a Job](#)

Start
 Immediately
 On at (hh24:mm)

Repeat
 None (run once only)
 Minute
 Day
 Week
 Month
 Year

...until
 No End Date
 End After Occurrences
 End By

Notify when
 Completed Terminated Error Email

Items To Execute
 Platform: Create Tablespaces [Delete](#)

- When you are done, click Schedule. If the job is scheduled to run immediately, the View Current Jobs page appears.

View Current Jobs Current Location: [Jobs](#) > [View Current Jobs](#)

[Revise Search](#)

Results Per Page Results 1 - 5 Of 50 First | [<Prev](#) | [Next](#) | Last

Job ID	Status	User	Items to Execute	Start Date/Time
<input type="checkbox"/> 5165	✓ COMPLETED	AMADMIN	Apps: Change Tracking Transfer	2007-05-01 03:12:57 America/Los_Angeles
<input type="checkbox"/> 5164	✓ COMPLETED	AMADMIN	Apps: OAR12Bundle11	2007-05-01 03:03:51 America/Los_Angeles
<input type="checkbox"/> 5163	✓ COMPLETED	AMADMIN	Apps: Change Tracking Transfer	2007-05-01 01:44:05 America/Los_Angeles
<input type="checkbox"/> 5162	✓ COMPLETED	AMADMIN	Apps: OAR12Bundle1CT	2007-05-01 01:31:55 America/Los_Angeles
<input type="checkbox"/> 5161	✓ COMPLETED	AMADMIN	Apps: OAR12Bundle1	2007-05-01 01:25:11 America/Los_Angeles

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[Revise Search](#)

If the job is scheduled to run in the future, the View Future Jobs page appears.

View Future Jobs Current Location: [Jobs](#) > [View Future Jobs](#)

[Revise Search](#)

Results Per Page Results 1 - 1 Of 1 First | [<Prev](#) | [Next](#) | Last

User	Items to Execute	Next Start
<input type="checkbox"/> INTEGRA ADMINISTRATOR	Platform: Create Tablespaces	2007-05-02 01:30 America/Los_Angeles Remove

Results Per Page Results 1 - 1 Of 1 First | [<Prev](#) | [Next](#) | Last

[Revise Search](#)

View a Job's Status or Details

To see the status of:


- A job that's running now, or ran in the past: Select Jobs > View Current Jobs from the menu bar. The View Current Jobs page appears (see page 2-28); the most recently scheduled jobs are listed, sorted by job ID, newest ID first.
- A job that will run in the future: Select Jobs > View Future Jobs from the menu bar. The View Future Jobs page appears (see page 2-28); jobs are sorted by start date/time, most imminent jobs first.

If you don't see the job you're looking for, you can increase the number of results per page; Click the Next link to see the next page of jobs; or click Revise Search, fill in the Search page, and click the Search button.

On the View Current Jobs page, the following job statuses are possible:

	PENDING
	RUNNING
	PAUSED
	ERROR
	TERMINATING
	TERMINATED
	COMPLETE
	WARNING







Statuses are not displayed on the View Future Jobs page because all jobs have the same status (Pending).

Click  to see the job's details and control buttons.

View Current Jobs

Current Location: [Jobs](#) > [View Current Jobs](#)

Results Per Page Results 1 - 5 Of 50 First | [<Prev](#) | [Next>](#) | [Last](#) [Revise Search](#)

Job ID	Status	User	Items to Execute	Start Date/Time
 5165	✓ COMPLETED	AMADMIN	Apps: Change Tracking Transfer	2007-05-01 03:12:57 America/Los_Angeles
Program				
 Change Tracking: Transfer	✓ Completed		Started	2007-05-01 03:12:58 America/Los_Angeles Log
Started: 2007-05-01 03:12:58 Ended: 2007-05-01 03:12:59 Elapsed: 00.02 min. Status Message: Job completed with success.				
 5164	✓ COMPLETED	AMADMIN	Apps: OAR12Bundle11	2007-05-01 03:03:51 America/Los_Angeles
 5163	✓ COMPLETED	AMADMIN	Apps: Change Tracking Transfer	2007-05-01 01:44:05 America/Los_Angeles
 5162	✓ COMPLETED	AMADMIN	Apps: OAR12Bundle1CT	2007-05-01 01:31:55 America/Los_Angeles
 5161	✓ COMPLETED	AMADMIN	Apps: OAR12Bundle1	2007-05-01 01:25:11 America/Los_Angeles

Results Per Page Results 1 - 5 Of 50 First | [<Prev](#) | [Next>](#) | [Last](#) [Revise Search](#)

[Schedule...](#) [Refresh](#)

Depending on the job's status, some of these buttons could appear:

- If the job's execution has been paused: Click Resume Job to resume execution of the paused job.
- If the job is being executed, or if its execution has been paused: Click Terminate Job to cancel the job. Note that not all jobs can respond to a termination request.

For current/past jobs, one or both of these links appear to the right of each program:

- Log: Click this to view log information, including error messages.

- **Details:** Click this to view additional details about the program's execution, and all reports generated by the program.

Cancel the Current Execution of a Job

To cancel a current job:

1. Find the job on the View Current Jobs page.
2. Click the job's Terminate Job button. The job's status changes to Terminating. Once the currently running program terminates or completes, the job's status changes to Terminated.

Cancel Future Execution of a Job

To cancel a future job:

1. Find the job on the View Future Jobs page.
2. Click the job's Remove link.

Change Job's Schedule

To change the schedule for a job:

1. Cancel future execution of the job.
2. Schedule a new job.

Schedule a Job Again

To reschedule a job after all occurrences in the original schedule have completed, simply schedule the new job.

Edit a Definition Schedule for Use in Future Jobs

To edit a definition that is schedule to run in the future:

1. On the View Future Jobs page, remove all jobs that use the definition.
2. Edit the definition.
3. Reschedule the jobs that you removed in Step 1.


Add or Remove Elements from a Job, or Change Their Order

To add or remove definitions or programs from a job, or to change their order of execution:

1. Cancel future execution of the job.
2. Schedule a new job.

Use LOVs

The button displays a window containing a list of values (LOV).



User ID	Description
DVP1	Smith, Jane
DAVIDMORGAN	Morgan, David
DAWB_MODEL	
DKING	David King
DAWB001	
DPOND	Denise Pond
DMATS	Matsumura, David

The window's appearance varies depending on the list, but always has a Find field at its top. Entering a string in this field and clicking Find displays all items that begin with the string, ignoring capitalization (e.g., pay finds payables, Payables, and Payment Records). Use the percent character (%) as a wildcard that represents zero or more characters (e.g., %pay finds payables, Payables, Payment Records, Overpayments and Delayed Payment).

Reference

This chapter serves as a reference to several topics: logging in, creating a user profile, viewing and adding Apps definitions, using the Change Tracker, programs included within Integra Apps, reports generated by Integra Apps, and use of the Apps help system.

Login

All Integra users must begin by logging in on the Secure Login page.



The page's URL is:

`http://hostname/web-application-name`

In this command, *hostname* is the domain name of the web server configured to serve Integra, and *web-application-name* is the name of the Integra web application (usually *integra*).

You may have an Integra icon on your desktop; double-clicking it opens this page.

The upper portion of the page has these fields:

- Username. Your Integra Administrator creates your username.
- Password. Your Integra Administrator creates your password. To change it, log in, then select Home > User Profile from the menu bar.

The upper portion of the page also has a Login button. It verifies your username and password, and displays your Welcome Page. To change your Welcome Page, log in, then select Home > User Profile from the menu bar.

The lower portion of the page displays information about Integra. This content is updated regularly if your server's firewall permits HTTP transactions across the Internet.

Security Note: The Secure Login page is the only Integra page that attempts to send or receive information using the Internet. Once you log in, all communications are restricted to your organization's internal networks.

User Profile

Change your personal settings by selecting Home > User Profile from the menu bar. The User Profile page appears.

The screenshot shows the 'User Profile' page with the following sections:

- User Profile** (Page Title) and **Current Location: Home > User Profile** (Breadcrumbs)
- User Basics** section with fields for:
 - User Name: INTEGRA ADMINISTRATOR
 - Email: efried@logicalapps.com
 - Department: LogicalApps
- Change Password** section with fields for:
 - New password:
 - Confirm Password:
- Options** section with dropdown menus for:
 - Welcome Page: View Current Jobs
 - Debug Mode: No
- A **Save** button at the bottom right.

The page contains these fields:

- User Basics
 - User Name. Your full name.
 - Department. Your department.
 - Email. Your email address.
- Change Password
 - New Password. To change your password, enter a value in this field and the Confirm Password field. Otherwise, leave these fields empty.
Your password may be up to 30 characters. It may not contain these characters:
! | / = \$ & @ " ' ` ,
 - Confirm Password. See New Password, above.
- Options
 - Welcome Page. The page that is displayed after you log in.
 - Debug Mode. The default setting is Off. When it is set to On, each command you perform generates additional computational load on the Integra instance, so use On only when directed by your Integra Administrator

Apps Definition

To view existing Apps definitions or add new ones, select Workbench > Apps from the menu bar. You will see a list of existing definitions.

Apps Definitions Current Location: [Workbench > Apps](#)

[Revise Search](#)

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Definition	Instance	Created	Type	Application	Created by			
<input type="checkbox"/> AMADMIN Baseline: ABM 12 [Flagstaff_R12]	Flagstaff_R12	04/30/2007	Snapshot	ABM 12	AMADMIN	Comparisons	Occurrences	Edit
<input type="checkbox"/> AMADMIN Baseline: AP 12 [Flagstaff_R12]	Flagstaff_R12	04/30/2007	Snapshot	AP 12	AMADMIN	Comparisons	Occurrences	Edit
<input type="checkbox"/> AMADMIN Baseline: AR 12 [Flagstaff_R12]	Flagstaff_R12	04/30/2007	Snapshot	AR 12	AMADMIN	Comparisons	Occurrences	Edit
<input type="checkbox"/> AMADMIN Baseline: AX 12 [Flagstaff_R12]	Flagstaff_R12	04/30/2007	Snapshot	AX 12	AMADMIN	Comparisons	Occurrences	Edit
<input type="checkbox"/> AMADMIN Baseline: CE 12 [Flagstaff_R12]	Flagstaff_R12	04/30/2007	Snapshot	CE 12	AMADMIN	Comparisons	Occurrences	Edit

Results Per Page Results 1 - 5 Of 85 First | <Prev | [Next](#) | Last

[Revise Search](#)

Like all Integra search results, you can see more (or different) results by changing Results Per Page, clicking Next >, or clicking Revise Search.

Click Edit to view a definition, or Add Definition... to add a new one. In either case, a definition page appears.

Apps Definition Workbench Current Location: [Workbench > Apps](#)

Definition Basics

Name **Financials 1** Type **Snapshot**
 Instance **APS11510** Application **AR 11.5.10**

Include in Schedulable Items list

Objects

Object	Enabled	
<input type="checkbox"/> AR Payment Terms	Yes	Edit Delete

Global Conditions

Organization
 Set of Books

Sharing

Programs

Program	Stop After	Skip	Run Before	Run After	Notify
1. Generate Occurrence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

The page contains these fields:

- Definition Basics
 - Name. A short name that will identify this definition.
 - Instance. ERP instance that contains the application setup data to snapshot, migrate or track.
 - Type. There are three choices. To report on ERP application setup data, choose Snapshot. To migrate setup data, choose Migration. To monitor changes to setup data, choose Change Tracking.
 - Application. ERP application to snapshot, migrate or track.

- Include in Scheduled Items List. When checked, this definition will appear in the list of schedulable items when scheduling jobs. Disabled until at least one object has been added to the definition.
- Additional Definition Basics for Migration
 - Destination. Setup data will be migrated to this ERP instance.
 - Overwrite existing records. When checked, migrated records will replace corresponding records in the Destination instance, regardless of the records' creation date.
- Programs
 - Stop After. When this option is checked, execution of the job will pause after this program completes. This option is disabled if the definition contains only one program.
 - Skip. When this option is checked, this program will not be executed. This option is disabled if the definition contains only one program.
 - Run Before. Java method or PL/SQL to execute before the program. Integra pauses until it receives a return code (the code's value is disregarded). Any error causes Integra to skip execution of the program (and anything entered in Run After).

For a Java method, use this syntax:

```
Java:/fully-qualified-class-name.method-name()
```

In this statement, fully-qualified-class-name includes the full path and filename of the class, and the name of the class itself. The file must reside on the computer that hosts the Integra Home schema. The method must be static, and cannot be main. No parameters can be passed to the method. For example:

```
Java:/myDir/myClassFile.myClass.myMethod()
```

For PL/SQL, use this syntax:

```
package.process()
package.function()
process()
function()
```

- Run After. Java method or PL/SQL to execute after the program. Uses the same syntax as Run Before.
- Notify. When checked, an email is sent when the program's execution ends. The email is sent to the email address entered on the Schedule a Job page.

The page contains these buttons:

- Schedule. Saves the changes you've made on the definition page, displays the Schedule a Job page, and adds the definition to the list of items to execute.
- Save. Saves the changes made on the definition page, and refreshes the page.
- Save As. Gives you the option of saving the definition with a new name and instance. If you choose a new instance, note that some of the definition's features could be lost if your permissions for the new instance are different than for the current one.

- Restore. Discards the changes you've made on the definition page, and refreshes the page with the previously stored values.
- Back. Discards the changes you've made on the definition page, and displays a list of existing definitions.

The page also contains some or all of these buttons (depending on the Type chosen):

- Lock Objects and Conditions. Prevents further editing of objects and conditions, and permits more actions, some depending on the definition's Type.
- Share. Shares the definition with another Apps user.
- Add object... Displays the Objects page, where you can add objects to be acted upon.
- Add module. Loads all objects belonging to the definition's application, replacing any existing objects. You can edit the objects once they have been loaded.

For a change tracking definition, there are also these objects buttons:

- View object status. Displays the Change Tracking Object Status Report, which shows current status of the definition's deployed objects.
- View object history. Displays the Change Tracking Object History Report, which shows deployment history of the definition's objects.
- View tracker status. Displays the Change Tracking Trigger Status Report, which shows the definition's enabled change tracking triggers.

Objects

You can specify objects to be acted upon by the definition. The objects available depend on the definition's application.

Add objects by clicking Add object... on the definition page. The Objects page appears. The fields on this page vary depending on the object chosen; here is an example.

Apps Definition Workbench Current Location: [Workbench](#) > [Apps](#)

Objects Definition: **Financials** 1 Instance: **APS11510** Type: **Snapshot** Application: **AR 11.5.10**

Add object...

Object: Enabled

	Operator	Value	
Name	--- Select one ---	<input type="text"/>	<input type="button" value="..."/>
Base Amount	--- Select one ---	<input type="text"/>	<input type="button" value="..."/>
Description	--- Select one ---	<input type="text"/>	<input type="button" value="..."/>
Allow Discount on Partial Payments	--- Select one ---	<input type="text"/>	<input type="button" value="..."/>
Collect Credit Card Prepayment	--- Select one ---	<input type="text"/>	<input type="button" value="..."/>
Credit Check	--- Select one ---	<input type="text"/>	<input type="button" value="..."/>
Discount Basis	--- Select one ---	<input type="text"/>	<input type="button" value="..."/>
Effective Date From	--- Select one ---	<input type="text"/>	<input type="button" value="..."/>
Effective Date To	--- Select one ---	<input type="text"/>	<input type="button" value="..."/>
Print Lead Days	--- Select one ---	<input type="text"/>	<input type="button" value="..."/>
Installation Options	--- Select one ---	<input type="text"/>	<input type="button" value="..."/>
Cutoff Day of Month	--- Select one ---	<input type="text"/>	<input type="button" value="..."/>
Last day of month	--- Select one ---	<input type="text"/>	<input type="button" value="..."/>

When Type is Snapshot, the page contains these fields. (The fields for Migration are nearly identical.)

- Add Object / Edit Object
 - Object. Group of setup data to be recorded. Clicking will list the objects that belong to the ERP applications. Configuration Controls includes a wide range of objects, and you can use MetaBuilder to add custom objects.
 - Enabled. When checked, the object's setup data will be recorded whenever the definition is executed.
 - Field1, Field2, ...FieldN. Integra Apps uses values entered here to filter the data to be recorded. The fields displayed depend on the object chosen; until you choose an object, no fields are displayed.

In general, when you click to the right of a field, all possible values are displayed, regardless of the security groups you belong to. (Security groups can limit your access to specific applications, business groups, organization units, and sets of books.) Snapshot results will contain only the data permitted by your security groups. For information about security groups, see the *Integra Apps Administration Guide*.

The page contains these buttons and links:

- Edit. Refreshes the page and lets you edit the object's settings.
- Delete. Removes the object from the list of conditions and refreshes the page.
- Save. Saves your changes to the object's settings and refreshes the page.
- Cancel. Discards your changes to the object's settings and refreshes the page.
- Back. Discards any unsaved changes and displays the definition page.

Global Conditions

Snapshot definitions let you specify conditions that are applied to all objects:

- Organization (Oracle E-Business Suite):ERP organization to include in snapshot.
- Set of Books (Oracle E-Business Suite). ERP set of books to include in snapshot.
- SetID (PeopleSoft Enterprise). Used to gather values such as vendors, ChartFields, or customers into groups. Can be used by any number of business units.

Change Tracker

The Change Tracker displays information collected by all deployed Change Tracking Definitions, and transferred back to Integra Apps by the Change Tracking Transfer program.

To view the Change Tracker, select Workbench > Apps from the menu bar, then click the Change Tracker button. Here is an example with a few applications and instances:

Change Tracker Current Location: [Workbench > Apps](#)

Query:

Instance	ag1_59	ag1_r12	PS88_Glendale	Flagstaff_R12	PS9204
Application	Changes	Changes	Changes	Changes	Changes
<input type="checkbox"/> GL 11.5.9	5				
<input type="checkbox"/> XLA 12				4	

For details on using the Change Tracker, see “Use the Change Tracker” (page 2-17).

Queries and Alerts

Queries store sets of criteria for filtering the data shown in the Change Tracker. The Change Tracker automatically loads the last query used.

Alerts are email messages that list new changes. They are generated whenever the Change Tracking Transfer program runs. Alert recipients are specified in Queries, so each alert message contains only the changes filtered by the Query.

For details on Queries and Alerts, see “Set Up Queries and Alerts” (page 2-18).

Apps Programs

Integra Apps consists of these programs:

- Change Tracking Transfer
 - Change Tracking definitions only: Gathers change information from the ERP instances, stores it in the Integra Home instance and sends Alerts.
 - Status: In progress
Apps is in the process of gathering the information and storing it in the Integra Home instance.
 - Status: Error
Review the Change Tracking Transfer Program log file, resolve the error, and reschedule the program.
 - Status: Complete
Review Change Tracking Transfer Program log file.
- Create Migration Data
 - Migration definitions only: Retrieves a copy of the data to be migrated from the source ERP instance, and puts it in a data file.
 - Status: In progress
Apps is in the process of retrieving the data and creating the data file, based on the specified parameters.
 - Status: Error
Review the Create Migration Data log file, resolve the error, and reschedule the program.

- Status: Complete
Review the Create Migration Data log file.
- Generate Occurrence
Retrieves the setup data specified by your definition.
 - Status: In progress
Apps is in the process of retrieving the data.
 - Status: Error
Review the Generate Occurrence log file, resolve the error, and reschedule the definition. Option: Review and modify the definition conditions.
 - Status: Complete
Review the Generate Occurrence reports.
- Update Data in Destination
Migration definitions only: Inserts or updates data in the destination ERP instance. The data is taken from a file created by the Create Migration Data program.
 - Status: In progress
Apps is in the process of inserting or updating the data, based on the specified parameters.
 - Status: Error
Review the Update Data in Destination log file, resolve the error, and reschedule the program.
 - Status: Complete
Review the Update Data in Destination log file.

Apps Reports

Integra Apps reports are generated each time you create an occurrence of an Apps definition. They are generated by the Generate Occurrences program. View the reports by scheduling the definition, selecting Jobs > View Current/Past Jobs from the menu bar, locating the definition's job, clicking Details to the right of Generate Occurrences, and either clicking on Export Selected or Export All.

- Snapshot reports display field-level ERP application setup data for a specified application and object.
- Apps Occurrence Comparison reports display the difference in field-level ERP application setup data for two occurrences of the same object.
- Change Tracking Details by Object reports display the changes to ERP application setup data for deployed Change Tracker Objects.

Integra Apps also provides the following reports, which can be generated by clicking the appropriate button in any Change Tracking definition:

- View object status. Displays the Change Tracking Object Status Report, which shows current status of the definition's deployed objects.

- View object history. Displays the Change Tracking Object History Report, which shows deployment history of the definition's objects.
- View tracker status. Displays the Change Tracking Trigger Status Report, which shows the definition's enabled change tracking triggers.

Here are samples from those reports:

Change Tracking Object Status

Start Date/Time 24-Feb-2006 11:00:32 EST

Instance INF1_VIS9I6E9

Scheduled by ADMINISTRATOR

Show Never Enabled ALL

Instance: INF1_VIS9I6E9

Status	Application	Object	Last Update	Last Updated By
Never Enabled	HBN	Administrative Contacts		AMADMIN
	HBN	Age-Graded Rate Table		AMADMIN
	HBN	Benefit Plan Table		AMADMIN
	HBN	Benefit Program Table		AMADMIN
	HBN	Billing Parameters		AMADMIN
	HBN	Calculation Rules Table		AMADMIN
	HBN	Check Form Table		AMADMIN

Change Tracking Object History

Start Date/Time 24-Feb-2006 11:01:31 EST

Instance INF1_VIS9I6E9

Scheduled by ADMINISTRATOR

Application AK 11.5.9

Object ALL

Application AK 11.5.9

Object	Status	Effective	Last Updated By	Insert	Update	Delete
AK Query Objects	Disabled	24-Feb-06 11:48:16	AMADMIN	No	No	No
Define Attributes	Disabled	24-Feb-06 11:48:16	AMADMIN	No	No	No
Object Flows	Disabled	24-Feb-06 11:48:16	AMADMIN	No	No	No
Objects	Enabled	24-Feb-06 11:48:16	AMADMIN	Yes	Yes	Yes
Region Items	Disabled	24-Feb-06 11:48:21	AMADMIN	No	No	No
Regions	Disabled	24-Feb-06 11:48:21	AMADMIN	No	No	No

Change Tracking Trigger Status

Start Date/Time: 02/24/06 11:01:54

Instance: INF1_VIS9I6E9

Scheduled By: ADMINISTRATOR

Application: ALL

Enabled Object: ALL

Application: AK 11.5.9

Object: Objects

Trigger	Table	Last Update	Status
AK_OBJECTS460_63_AM	AK_OBJECTS	24-Feb-06 11:48:16	VALID
AK_FOREIGN_KEYS460_59_AM	AK_FOREIGN_KEYS	24-Feb-06 11:48:16	VALID
AK_FOREIGN_KEY_COLUMN460_61_AM	AK_FOREIGN_KEY_COLUMNS	24-Feb-06 11:48:16	VALID
AK_UNIQUE_KEYS460_77_AM	AK_UNIQUE_KEYS	24-Feb-06 11:48:16	VALID
AK_UNIQUE_KEY_COLUMNS460_78_AM	AK_UNIQUE_KEY_COLUMNS	24-Feb-06 11:48:16	VALID
AK_OBJECT_ATTRIBUTES460_65_AM	AK_OBJECT_ATTRIBUTES	24-Feb-06 11:48:16	VALID

Application: GL 11.5.9

Object: Set of Books

Trinner	Table	Last Update	Status
---------	-------	-------------	--------

Help

Select Help > About Products from the menu bar to display the following information about each installed component:

- Product (component name)
- Release Number
- Patch Number (latest patch release applied, and patch history)
- Metadata release
- Metadata Patch Number (latest metadata patch release applied, and patch history)