

Gateway Documentation - FCUBSMessagingService
Oracle FLEXCUBE Universal Banking
Release FCUBS_12.1.0.0.0
[October][2015]



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1. Background

Integration of different applications and solutions is a key area in today's systems. A variety of specialized applications deployed on disparate platforms and using different infrastructure need to be able to communicate and integrate seamlessly with FLEXCUBE UBS in order to exchange data. The FLEXCUBE UBS Integration Gateway (referred to as Gateway) will cater to these integration needs. The integration needs supported by the Gateway can be broadly categorized from the perspective of Gateway as follows

1. Inbound application integration :

This is used when any external system needs to add, modify or query information within FLEXCUBE UBS

2. Outbound application integration :

This is used when any external system needs to be notified of the various events that occur within FLEXCUBE UBS

The following sections provide detailed XSD documentation of all operations available in FCUBSMessagingService of Core Module

2. FCUBSMessagingService

2.1.GetContractMsgs

2.1.1.MS-GetContractMsgs-Req-IO-MSG.xsd

GETCONTRACTMSGSGS_IOFS_REQ

FCUBS_HEADER

SOURCE

UBSCOMP

MSGID

CORRELID

USERID

BRANCH

MODULEID

SERVICE

OPERATION

SOURCE_OPERATION

SOURCE_USERID

DESTINATION

MULTITRIPID

FUNCTIONID

ACTION

MSGSTAT

PASSWORD

ADDL

PARAM

NAME

VALUE

FCUBS_BODY

ContractMessages-IO

FCCREF

GETCONTRACTMSGSGS_IOFS_REQ

Attribute	Description
Name	GETCONTRACTMSGSGS_IOFS_REQ

Datatype	
Description	

FCUBS_HEADER

Attribute	Description
Name	FCUBS_HEADER
Datatype	
Description	

SOURCE

Attribute	Description				
Name	SOURCE				
Datatype	string				
Description	This is the code for the system which has sourced this message. For request messages, this field has to contain the source code for the partner system as maintained within FLEXCUBE UBS. In case of response messages this field will contain "FLEXCUBE".				
Restrictions	<table border="1"> <thead> <tr> <th>Restrictions</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[a-zA-Z_0-9]*</td> </tr> </tbody> </table>	Restrictions	Description	pattern	[a-zA-Z_0-9]*
Restrictions	Description				
pattern	[a-zA-Z_0-9]*				

UBSCOMP

Attribute	Description				
Name	UBSCOMP				
Datatype	string				
Description	This is the component of FLEXCUBE for which this message is meant. Gateway supports both FLEXCUBE UBS and FLEXCUBE Investor Services. If the message is for FLEXCUBE UBS then this field should contain "FCUBS" and "FCIS" if meant for FLEXCUBE Investor Services. This field is case-sensitive.				
Restrictions	<table border="1"> <thead> <tr> <th>Restrictions</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>FCUBS,FCIS</td> </tr> </tbody> </table>	Restrictions	Description	enumeration	FCUBS,FCIS
Restrictions	Description				
enumeration	FCUBS,FCIS				

MSGID

Attribute	Description				
Name	MSGID				
Datatype	string				
Description	This is the "unique" message ID for this message. In inbound messages, if this field is present then Gateway would perform technical duplicate recognition using this field. For all messages going out from Gateway, Gateway will populate a unique message ID in this field.				
Attribute	<table border="1"> <thead> <tr> <th>Attribute</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>minOccurs</td> <td>0</td> </tr> </tbody> </table>	Attribute	Description	minOccurs	0
Attribute	Description				
minOccurs	0				
Restrictions	<table border="1"> <thead> <tr> <th>Restrictions</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[a-zA-Z_0-9]*</td> </tr> </tbody> </table>	Restrictions	Description	pattern	[a-zA-Z_0-9]*
Restrictions	Description				
pattern	[a-zA-Z_0-9]*				

CORRELID

Attribute	Description	
Name	CORRELID	
Datatype	string	
Description	This is the correlation ID for the message. Gateway supports 2 correlation patterns, namely "Message ID to Correlation ID" (M2C) and "Correlation ID to Correlation ID" (C2C). While using asynchronous means of communication (like a JMS queue), the partner system can correlate the response received from Gateway to the request message sent by it using this field. If the correlation pattern is M2C then this field will contain the MSGID of the request message. If the correlation pattern is C2C then this field will contain the CORRELID of the request message.	
Attribute	Attribute	Description
	minOccurs	0
Restrictions	Restrictions	Description
	pattern	[a-zA-Z_0-9]*

USERID

Attribute	Description	
Name	USERID	
Datatype	string	
Description	This is the user id which will be used within FLEXCUBE to record the transaction. This needs to be a valid user id as maintained within FLEXCUBE.	
Restrictions	Restrictions	Description
	maxLength	12
	pattern	[A-Z_0-9]*

BRANCH

Attribute	Description	
Name	BRANCH	
Datatype	string	
Description	This is the Branch of FLEXCUBE where the transaction would be recorded. This needs to be a valid Branch code as maintained in FLEXCUBE.	
Restrictions	Restrictions	Description
	length	3
	pattern	[a-zA-Z_0-9]{3}

MODULEID

Attribute	Description	
Name	MODULEID	
Datatype	string	
Description	This field is applicable only if messages are being sent to FCIS using Gateway. This is the module id of FCIS where the transaction will be recorded.	

Attribute	Attribute	Description
	minOccurs	0

SERVICE

Attribute	Description	
Name	SERVICE	
Datatype	string	
Description	This field should contain the code of the Service of FLEXCUBE which is being requested. This field is case-sensitive.	
Restrictions	Restrictions	Description
	pattern	[a-zA-Z_0-9]*

OPERATION

Attribute	Description	
Name	OPERATION	
Datatype	string	
Description	This is the operation of the service which is being invoked. This field is case-sensitive.	
Restrictions	Restrictions	Description
	pattern	[a-zA-Z_0-9]*

SOURCE_OPERATION

Attribute	Description	
Name	SOURCE_OPERATION	
Datatype	string	
Description	This is the code for the operation being invoked in the Source system. The code of Source Operation being sent needs to be maintained as a valid Source Operation for the Source within FLEXCUBE.	
Attribute	Attribute	Description
	minOccurs	0
Restrictions	Restrictions	Description
	pattern	[a-zA-Z_0-9]*

SOURCE_USERID

Attribute	Description	
Name	SOURCE_USERID	
Datatype	string	
Description	This is the user id in the Source system who is performing the action.	
Attribute	Attribute	Description
	minOccurs	0

DESTINATION

Attribute	Description
------------------	--------------------

Name	DESTINATION	
Datatype	string	
Description	This the system for which this message is destined. In case of request messages to FLEXCUBE, it should be "FLEXCUBE". In case of response, the SOURCE from the request message is reproduced here.	
Attribute	Attribute	Description
	minOccurs	0
Restrictions	Restrictions	Description
	pattern	[a-zA-Z_0-9]*

MULTIRIPID

Attribute	Description	
Name	MULTIRIPID	
Datatype	string	
Description	In response messages, this is the ID sent by FLEXCUBE in case any overrides are encountered. In request messages, the source system is expected to reproduce the MULTIRIPID from the earlier received response if the source system accepts the overrides.	
Attribute	Attribute	Description
	minOccurs	0
Restrictions	Restrictions	Description
	pattern	[a-zA-Z_0-9]*

FUNCTIONID

Attribute	Description	
Name	FUNCTIONID	
Datatype	string	
Description	This is the function in FLEXCUBE which is being invoked. For integration scenarios this need not be sent. This is used by FLEXCUBE native user interface.	
Attribute	Attribute	Description
	minOccurs	0
Restrictions	Restrictions	Description
	maxLength	8
	pattern	[A-Z_0-9]*

ACTION

Attribute	Description	
Name	ACTION	
Datatype	string	
Description	This is the action on the function being invoked. For integration scenarios this need not be sent. This is used by FLEXCUBE native user interface.	

Attribute	Attribute	Description
	minOccurs	0
Restrictions	Restrictions	Description
	pattern	[a-zA-Z_0-9]*

MSGSTAT

Attribute	Description	
Name	MSGSTAT	
Datatype	string	
Description	In response messages, FLEXCUBE will indicate the status of the request in this field. The various values are "SUCCESS", "WARNING" and "FAILURE".	
Attribute	Attribute	Description
	minOccurs	0
Restrictions	Restrictions	Description
	enumeration	SUCCESS,WARNING,FAILURE

PASSWORD

Attribute	Description	
Name	PASSWORD	
Datatype	string	
Description		
Attribute	Attribute	Description
	minOccurs	0
Restrictions	Restrictions	Description
	maxLength	128
	pattern	[a-zA-Z_0-9=+/*]

ADDL

Attribute	Description	
Name	ADDL	
Datatype		
Description		
Attribute	Attribute	Description
	minOccurs	0

PARAM

Attribute	Description	
Name	PARAM	
Datatype		
Description		

Attribute	Attribute	Description
	minOccurs	0
	maxOccurs	unbounded

NAME

Attribute	Description
Name	NAME
Datatype	String
Description	

VALUE

Attribute	Description
Name	VALUE
Datatype	String
Description	

FCUBS_BODY

Attribute	Description
Name	FCUBS_BODY
Datatype	
Description	

ContractMessages-IO

Attribute	Description
Name	ContractMessages-IO
Datatype	
Description	

FCCREF

Attribute	Description	
Name	FCCREF	
Datatype	string	
Description	Indicates Flex Cube Contract Reference Number	
Attribute	Attribute	Description
	minOccurs	0
Restrictions	Restrictions	Description
	maxLength	16

2.1.2.MS-GetContractMsgs-Res-Full-MSG.xsd

GETCONTRACTMSGSGS_IOFS_RES

FCUBS_HEADER

SOURCE

UBSCOMP

MSGID

CORRELID

USERID
BRANCH
MODULEID
SERVICE
OPERATION
SOURCE_OPERATION
SOURCE_USERID
DESTINATION
MULTITRIPID
FUNCTIONID
ACTION
MSGSTAT
PASSWORD
ADDL
PARAM
NAME
VALUE
FCUBS_BODY
ContractMessages-PK
FCCREF
ContractMessages-IO
FCCREF
MessageDetails
ESN
MSGTYPE
RECEIVER
MSGSTATUS
MESSAGE
ContractMessages-Full
FCCREF
MessageDetails
ESN

MSGTYPE

RECEIVER

MSGSTATUS

MESSAGE

FCUBS_ERROR_RESP

ERROR

ECODE

EDESC

FCUBS_WARNING_RESP

WARNING

WCODE

WDESC

GETCONTRACTMSGSGS_IOFS_RES

Attribute	Description
Name	GETCONTRACTMSGSGS_IOFS_RES
Datatype	
Description	

FCUBS_HEADER

Attribute	Description
Name	FCUBS_HEADER
Datatype	
Description	

SOURCE

Attribute	Description				
Name	SOURCE				
Datatype	string				
Description	This is the code for the system which has sourced this message. For request messages, this field has to contain the source code for the partner system as maintained within FLEXCUBE UBS. In case of response messages this field will contain "FLEXCUBE".				
Restrictions	<table border="1"><thead><tr><th>Restrictions</th><th>Description</th></tr></thead><tbody><tr><td>pattern</td><td>[a-zA-Z_0-9]*</td></tr></tbody></table>	Restrictions	Description	pattern	[a-zA-Z_0-9]*
Restrictions	Description				
pattern	[a-zA-Z_0-9]*				

UBSCOMP

Attribute	Description
Name	UBSCOMP
Datatype	string
Description	This is the component of FLEXCUBE for which this message is meant. Gateway supports both FLEXCUBE UBS and FLEXCUBE Investor Services. If the message is for FLEXCUBE UBS then this field should contain "FCUBS" and "FCIS" if meant for FLEXCUBE Investor Services. This field is case-sensitive.

Restrictions	Restrictions	Description
	enumeration	FCUBS,FCIS

MSGID

Attribute	Description	
Name	MSGID	
Datatype	string	
Description	This is the "unique" message ID for this message. In inbound messages, if this field is present then Gateway would perform technical duplicate recognition using this field. For all messages going out from Gateway, Gateway will populate a unique message ID in this field.	
Attribute	Attribute	Description
	minOccurs	0
Restrictions	Restrictions	Description
	pattern	[a-zA-Z_0-9]*

CORRELID

Attribute	Description	
Name	CORRELID	
Datatype	string	
Description	This is the correlation ID for the message. Gateway supports 2 correlation patterns, namely "Message ID to Correlation ID" (M2C) and "Correlation ID to Correlation ID" (C2C). While using asynchronous means of communication (like a JMS queue), the partner system can correlate the response received from Gateway to the request message sent by it using this field. If the correlation pattern is M2C then this field will contain the MSGID of the request message. If the correlation pattern is C2C then this field will contain the CORRELID of the request message.	
Attribute	Attribute	Description
	minOccurs	0
Restrictions	Restrictions	Description
	pattern	[a-zA-Z_0-9]*

USERID

Attribute	Description	
Name	USERID	
Datatype	string	
Description	This is the user id which will be used within FLEXCUBE to record the transaction. This needs to be a valid user id as maintained within FLEXCUBE.	
Restrictions	Restrictions	Description
	maxLength	12
	pattern	[A-Z_0-9]*

BRANCH

Attribute	Description						
Name	BRANCH						
Datatype	string						
Description	This is the Branch of FLEXCUBE where the transaction would be recorded. This needs to be a valid Branch code as maintained in FLEXCUBE.						
Restrictions	<table border="1"><thead><tr><th>Restrictions</th><th>Description</th></tr></thead><tbody><tr><td>length</td><td>3</td></tr><tr><td>pattern</td><td>[a-zA-Z_0-9]{3}</td></tr></tbody></table>	Restrictions	Description	length	3	pattern	[a-zA-Z_0-9]{3}
Restrictions	Description						
length	3						
pattern	[a-zA-Z_0-9]{3}						

MODULEID

Attribute	Description				
Name	MODULEID				
Datatype	string				
Description	This field is applicable only if messages are being sent to FCIS using Gateway. This is the module id of FCIS where the transaction will be recorded.				
Attribute	<table border="1"><thead><tr><th>Attribute</th><th>Description</th></tr></thead><tbody><tr><td>minOccurs</td><td>0</td></tr></tbody></table>	Attribute	Description	minOccurs	0
Attribute	Description				
minOccurs	0				

SERVICE

Attribute	Description				
Name	SERVICE				
Datatype	string				
Description	This field should contain the code of the Service of FLEXCUBE which is being requested. This field is case-sensitive.				
Restrictions	<table border="1"><thead><tr><th>Restrictions</th><th>Description</th></tr></thead><tbody><tr><td>pattern</td><td>[a-zA-Z_0-9]*</td></tr></tbody></table>	Restrictions	Description	pattern	[a-zA-Z_0-9]*
Restrictions	Description				
pattern	[a-zA-Z_0-9]*				

OPERATION

Attribute	Description				
Name	OPERATION				
Datatype	string				
Description	This is the operation of the service which is being invoked. This field is case-sensitive.				
Restrictions	<table border="1"><thead><tr><th>Restrictions</th><th>Description</th></tr></thead><tbody><tr><td>pattern</td><td>[a-zA-Z_0-9]*</td></tr></tbody></table>	Restrictions	Description	pattern	[a-zA-Z_0-9]*
Restrictions	Description				
pattern	[a-zA-Z_0-9]*				

SOURCE_OPERATION

Attribute	Description
Name	SOURCE_OPERATION
Datatype	string
Description	This is the code for the operation being invoked in the Source system. The code of Source Operation being sent needs to be maintained as a valid Source Operation for the Source within FLEXCUBE.

Attribute	Attribute	Description
	minOccurs	0
Restrictions	Restrictions	Description
	pattern	[a-zA-Z_0-9]*

SOURCE_USERID

Attribute	Description	
Name	SOURCE_USERID	
Datatype	string	
Description	This is the user id in the Source system who is performing the action.	
Attribute	Attribute	Description
	minOccurs	0

DESTINATION

Attribute	Description	
Name	DESTINATION	
Datatype	string	
Description	This the system for which this message is destined. In case of request messages to FLEXCUBE, it should be "FLEXCUBE". In case of response, the SOURCE from the request message is reproduced here.	
Attribute	Attribute	Description
	minOccurs	0
Restrictions	Restrictions	Description
	pattern	[a-zA-Z_0-9]*

MULTITRIPID

Attribute	Description	
Name	MULTITRIPID	
Datatype	string	
Description	In response messages, this is the ID sent by FLEXCUBE in case any overrides are encountered. In request messages, the source system is expected to reproduce the MULTITRIPID from the earlier received response if the source system accepts the overrides.	
Attribute	Attribute	Description
	minOccurs	0
Restrictions	Restrictions	Description
	pattern	[a-zA-Z_0-9]*

FUNCTIONID

Attribute	Description	
Name	FUNCTIONID	

Datatype	string	
Description	This is the function in FLEXCUBE which is being invoked. For integration scenarios this need not be sent. This is used by FLEXCUBE native user interface.	
Attribute		
	Attribute	Description
	minOccurs	0
Restrictions		
	Restrictions	Description
	maxLength	8
	pattern	[A-Z_0-9]*

ACTION

Attribute	Description	
Name	ACTION	
Datatype	string	
Description	This is the action on the function being invoked. For integration scenarios this need not be sent. This is used by FLEXCUBE native user interface.	
Attribute		
	Attribute	Description
	minOccurs	0
Restrictions		
	Restrictions	Description
	pattern	[a-zA-Z_0-9]*

MSGSTAT

Attribute	Description	
Name	MSGSTAT	
Datatype	string	
Description	In response messages, FLEXCUBE will indicate the status of the request in this field. The various values are "SUCCESS", "WARNING" and "FAILURE".	
Attribute		
	Attribute	Description
	minOccurs	0
Restrictions		
	Restrictions	Description
	enumeration	SUCCESS,WARNING,FAILURE

PASSWORD

Attribute	Description	
Name	PASSWORD	
Datatype	string	
Description		
Attribute		
	Attribute	Description
	minOccurs	0

Restrictions	Restrictions	Description
	maxLength	128
	pattern	[a-zA-Z_0-9=+/*]

ADDL

Attribute	Description	
Name	ADDL	
Datatype		
Description		
Attribute	Attribute	Description
	minOccurs	0

PARAM

Attribute	Description	
Name	PARAM	
Datatype		
Description		
Attribute	Attribute	Description
	minOccurs	0
	maxOccurs	unbounded

NAME

Attribute	Description
Name	NAME
Datatype	String
Description	

VALUE

Attribute	Description
Name	VALUE
Datatype	String
Description	

FCUBS_BODY

Attribute	Description
Name	FCUBS_BODY
Datatype	
Description	

ContractMessages-PK

Attribute	Description
Name	ContractMessages-PK
Datatype	
Description	

FCCREF

Attribute	Description
------------------	--------------------

Name	FCCREF	
Datatype	string	
Description	Indicates Flex Cube Contract Reference Number	
Attribute		
	Attribute	Description
	minOccurs	0
Restrictions		
	Restrictions	Description
	maxLength	16

ContractMessages-IO

Attribute	Description
Name	ContractMessages-IO
Datatype	
Description	

FCCREF

Attribute	Description	
Name	FCCREF	
Datatype	string	
Description	Indicates Flex Cube Contract Reference Number	
Attribute		
	Attribute	Description
	minOccurs	0
Restrictions		
	Restrictions	Description
	maxLength	16

MessageDetails

Attribute	Description	
Name	MessageDetails	
Datatype		
Description		
Attribute		
	Attribute	Description
	minOccurs	0
	maxOccurs	unbounded

ESN

Attribute	Description	
Name	ESN	
Datatype	String	
Description		
Attribute		
	Attribute	Description
	minOccurs	0

MSGTYPE

Attribute	Description
------------------	--------------------

Name	MSGTYPE	
Datatype	string	
Description		
Attribute		
	Attribute	Description
	minOccurs	0
Restrictions		
	Restrictions	Description
	maxLength	15

RECEIVER

Attribute	Description	
Name	RECEIVER	
Datatype	string	
Description		
Attribute		
	Attribute	Description
	minOccurs	0
Restrictions		
	Restrictions	Description
	maxLength	11

MSGSTATUS

Attribute	Description	
Name	MSGSTATUS	
Datatype	string	
Description		
Attribute		
	Attribute	Description
	minOccurs	0
Restrictions		
	Restrictions	Description
	maxLength	1

MESSAGE

Attribute	Description	
Name	MESSAGE	
Datatype	string	
Description		
Attribute		
	Attribute	Description
	minOccurs	0
Restrictions		
	Restrictions	Description
	maxLength	0

ContractMessages-Full

Attribute	Description
------------------	--------------------

Name	ContractMessages-Full
Datatype	
Description	

FCCREF

Attribute	Description	
Name	FCCREF	
Datatype	string	
Description	Indicates Flex Cube Contract Reference Number	
Attribute	Attribute	
	Description	
	minOccurs	0
Restrictions	Restrictions	
	Description	
	maxLength	16

MessageDetails

Attribute	Description	
Name	MessageDetails	
Datatype		
Description		
Attribute	Attribute	
	Description	
	minOccurs	0
	maxOccurs	unbounded

ESN

Attribute	Description	
Name	ESN	
Datatype	String	
Description		
Attribute	Attribute	
	Description	
	minOccurs	0

MSGTYPE

Attribute	Description	
Name	MSGTYPE	
Datatype	string	
Description		
Attribute	Attribute	
	Description	
	minOccurs	0
Restrictions	Restrictions	
	Description	
	maxLength	15

RECEIVER

Attribute	Description

Name	RECEIVER	
Datatype	string	
Description		
Attribute		
	Attribute	Description
	minOccurs	0
Restrictions		
	Restrictions	Description
	maxLength	11

MSGSTATUS

Attribute	Description	
Name	MSGSTATUS	
Datatype	string	
Description		
Attribute		
	Attribute	Description
	minOccurs	0
Restrictions		
	Restrictions	Description
	maxLength	1

MESSAGE

Attribute	Description	
Name	MESSAGE	
Datatype	string	
Description		
Attribute		
	Attribute	Description
	minOccurs	0
Restrictions		
	Restrictions	Description
	maxLength	4000

FCUBS_ERROR_RESP

Attribute	Description	
Name	FCUBS_ERROR_RESP	
Datatype		
Description		
Attribute		
	Attribute	Description
	minOccurs	0
	maxOccurs	unbounded

ERROR

Attribute	Description	
Name	ERROR	
Datatype		
Description		

Attribute		
	Attribute	Description
	maxOccurs	unbounded

ECODE

Attribute	Description
Name	ECODE
Datatype	String
Description	

EDESC

Attribute	Description
Name	EDESC
Datatype	String
Description	

FCUBS_WARNING_RESP

Attribute	Description	
Name	FCUBS_WARNING_RESP	
Datatype		
Description		
Attribute	Attribute	Description
	minOccurs	0
	maxOccurs	unbounded

WARNING

Attribute	Description	
Name	WARNING	
Datatype		
Description		
Attribute	Attribute	Description
	maxOccurs	unbounded

WCODE

Attribute	Description
Name	WCODE
Datatype	String
Description	

WDESC

Attribute	Description
Name	WDESC
Datatype	String
Description	



FINANCIAL SERVICES

Gateway Documentation - FCUBSMessagingService
[October] [2015]

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