



COLLABORATE17

TECHNOLOGY AND APPLICATIONS FORUM
FOR THE ORACLE COMMUNITY

Integrating with Oracle Cloud

Prepared by: Dennis Harrison - O2Works

Session ID: 10349

<IOUG> OAUG Quest

#C17LV

About O2Works

O2Works is one of the leading E-Business Suite services providers offering the most experienced teams of functional and technical consultants in the industry. Our hands-on resources average 19+ years of experience focused exclusively on implementing, upgrading, integrating, and extending Oracle's E-Business Suite. In business since 2001, we have more than 180 satisfied clients.

Come visit us at Booth #1115 in the Exhibition Hall



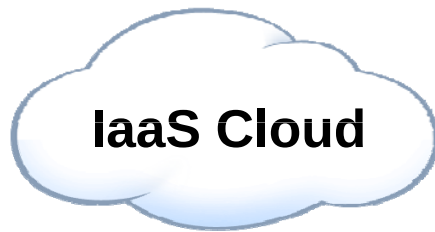
Presentations, White Papers, and other information shared on-line at:

www.o2works.com/knowledgeworks

Agenda

- Cloud Overview
- Software as a Service (SaaS)
- Inbound Integrations
- Outbound Integrations
- Limitations

Cloud Overview

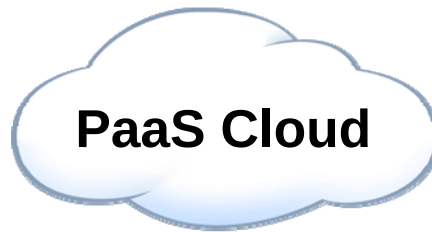


Infrastructure
as
a
Service

Available to Customers

- Customizations
- Application
- Platform

User Group
IT Professionals

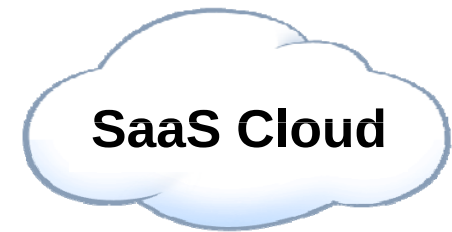


Platform
as
a
Service

Available to Customers

- Customizations
- Application

User Group
Developers



Software
as
a
Service

Available to Customers

- Customizations

User Group
Business End User

Software as a Service (SaaS)

How is this different from an On-Premise system?

- Restricted database access.
 - All queries are done through Business Analytics (BI)
- No PL/SQL code.
- Cannot create objects such as temp tables for storing inbound data.

Inbound Integration

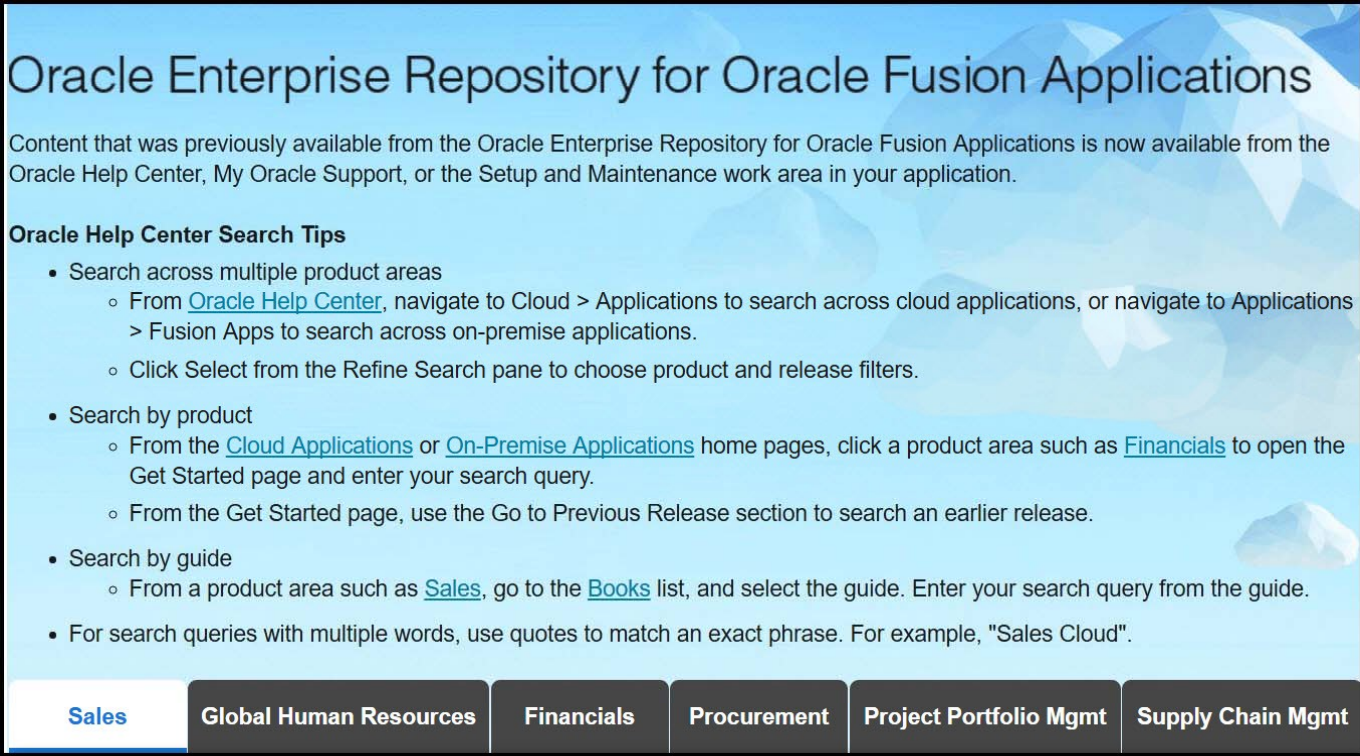
What is available for Inbound Integrations

- File Based Data Import (FBdi)
- HCM Data Loader (HDL)
- ADF Services (Web Services)

Oracle Enterprise Repository

OER - Contains all the latest information for Cloud. Some of which are FBdi templates and ADF Services

<http://fusionappsoer.oracle.com/>



Oracle Enterprise Repository for Oracle Fusion Applications

Content that was previously available from the Oracle Enterprise Repository for Oracle Fusion Applications is now available from the Oracle Help Center, My Oracle Support, or the Setup and Maintenance work area in your application.

Oracle Help Center Search Tips

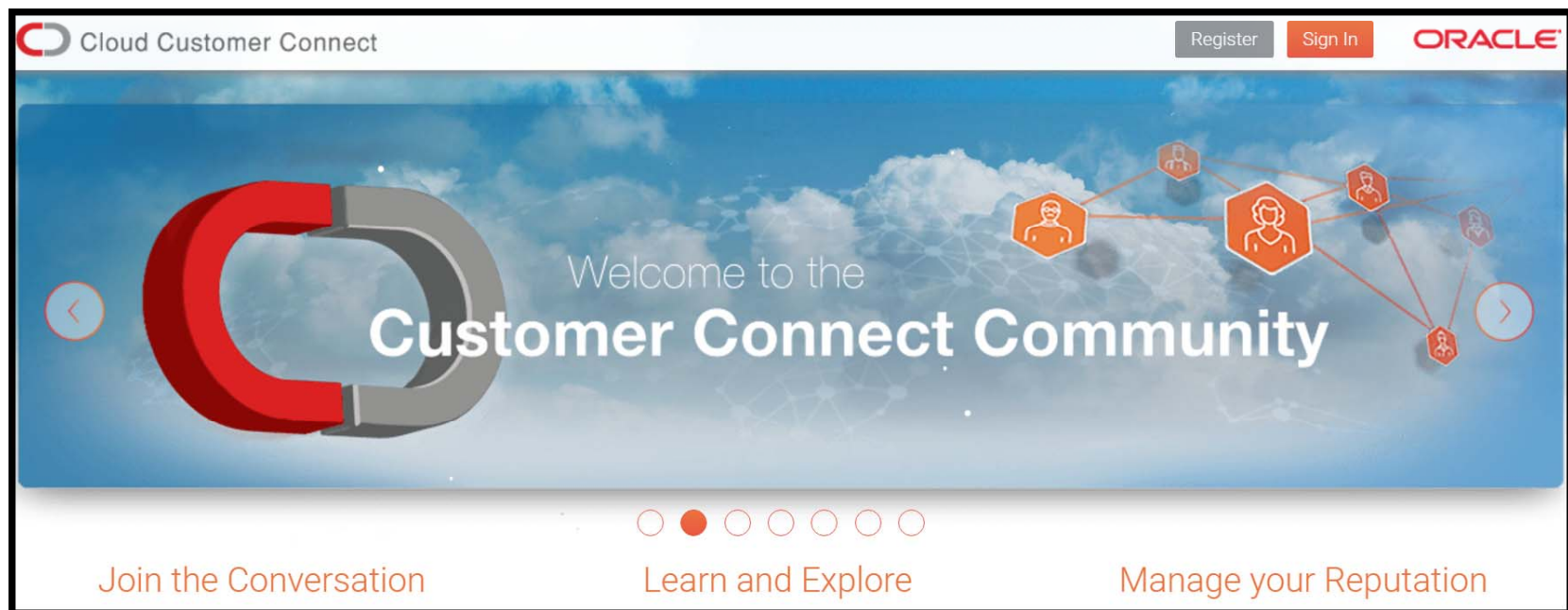
- Search across multiple product areas
 - From [Oracle Help Center](#), navigate to Cloud > Applications to search across cloud applications, or navigate to Applications > Fusion Apps to search across on-premise applications.
 - Click Select from the Refine Search pane to choose product and release filters.
- Search by product
 - From the [Cloud Applications](#) or [On-Premise Applications](#) home pages, click a product area such as [Financials](#) to open the Get Started page and enter your search query.
 - From the Get Started page, use the Go to Previous Release section to search an earlier release.
- Search by guide
 - From a product area such as [Sales](#), go to the [Books](#) list, and select the guide. Enter your search query from the guide.
- For search queries with multiple words, use quotes to match an exact phrase. For example, "Sales Cloud".

Sales Global Human Resources Financials Procurement Project Portfolio Mgmt Supply Chain Mgmt

Apps Customer Connect

Good resource on Cloud forms, new features in releases, etc.

appsconnect.oracle.com



File Based Data Import (FBdi)

■ Column Headers

- Data templates contain column headers that represent the interface table columns. The columns are in the order that the control file expects them to be in the data file

■ Help Text

- Each column header contains bubble text about the expected data type and, in some cases, instruction text

■ Generate CSV

- After you finish preparing the data in all of the worksheets, click the Generate CSV File button to generate a ZIP file containing one or more CSV files

Important Note:

■ Never Delete Columns

- You can hide columns that you do not intend to use, but you cannot delete columns. Deleting columns will cause the load process to fail

■ Mandatory Column Order

- Do not change the order of the columns in the Excel sheets. Changing the order of the columns will cause the load process to fail

File Based Data Import (FBdi)

- Information and instructions on how to use FBdi template

ORACLE Fusion Applications
Receivables AutoInvoice Import Interface

Overview

You can import Receivables transactions from other systems using the Receivables AutoInvoice Import Interface process. AutoInvoice Import uses four interface tables--one parent table and three child tables--to represent transaction lines, distributions, sales credits, and revenue contingencies.

- The parent table, RA_INTERFACE_LINES_ALL, contains the primary transaction line information. The child tables contain the following information for a given interface line record:
 - RA_INTERFACE_DISTRIBUTIONS_ALL contains transaction distributions; RA_INTERFACE_SALESCREDITS_ALL contains sales credits; AR_INTERFACE_CONTS_ALL contains revenue contingencies.
- Use the control files (RaInterfaceLinesAll.ctl, RaInterfaceDistributionsAll.ctl, RaInterfaceSalesCreditsAll.ctl, ArInterfaceContsAll.ctl) and the Load Interface File for Import Process to load data from legacy and third-party applications into the AutoInvoice Interface tables. Once data is loaded successfully, use the Import AutoInvoice Process to import transactions into Receivables.

Preparing the Table Data

1. Prepare the data for each interface table using the corresponding worksheet in this template. See the section **Excel Template Format** for details about this template.
2. Refer to the bubble text on each column header either for detailed instructions on preparing the data in that column, or for a description of the data and data type that the column requires.
3. Common tasks for preparing table data include setting up for data merge, and searching for internal identifiers.

Loading the Data

After you finish preparing the data in the parent and child sheets, click the Generate CSV File button to generate a ZIP file containing one or more CSV files.

For information on loading the data in the CSV files into the interface tables, see the Documentation tab for the Load Interface File for Import scheduled process in Oracle Enterprise Repository.

Generate CSV File

File Based Data Import (FBdi)

- Sample data for reference on mapping in template

B	C	D	E
Receivables AutoInvoice Interface Lines			
* Required			
*Business Unit Name	*Transaction Batch Source Name	*BATCH_SOURCE_NAME	Payment Term
Vision Operations	AR_Trans Source_04A-Dir	Indicates the transaction source associated with the row. To define a transaction source:	0 Net
Vision Operations	AR_Trans Source_04A-Dir	1. Navigate to Setup and Maintenance.	0 Net
Vision Operations	AR_Trans Source_04A-Dir	2. Search and go to task Manage Transaction Sources.	0 Net
Vision Operations	AR_Trans Source_04A-Dir	3. Create a transaction source of type Imported.	0 Net
Vision Operations	AR_Trans Source_04A-Dir	4. In the Imported Information	0 Net
Vision Operations	AR_Trans Source_04A-Dir		0 Net
Vision Operations	AR_Trans Source_04A-Dir		0 Net
Vision Operations	AR_Trans Source_04A-Dir		0 Net
Vision Operations	AR_Trans Source_04A-Dir		0 Net
Vision Operations	AR_Trans Source_04A-Dir		0 Net
Vision Operations	AR_Trans Source_04A-Dir		0 Net
Vision Operations	AR_Trans Source_04A-Dir		0 Net
Vision Operations	AR_Trans Source_04A-Dir		0 Net

Web Services

■ Used even for FBdi

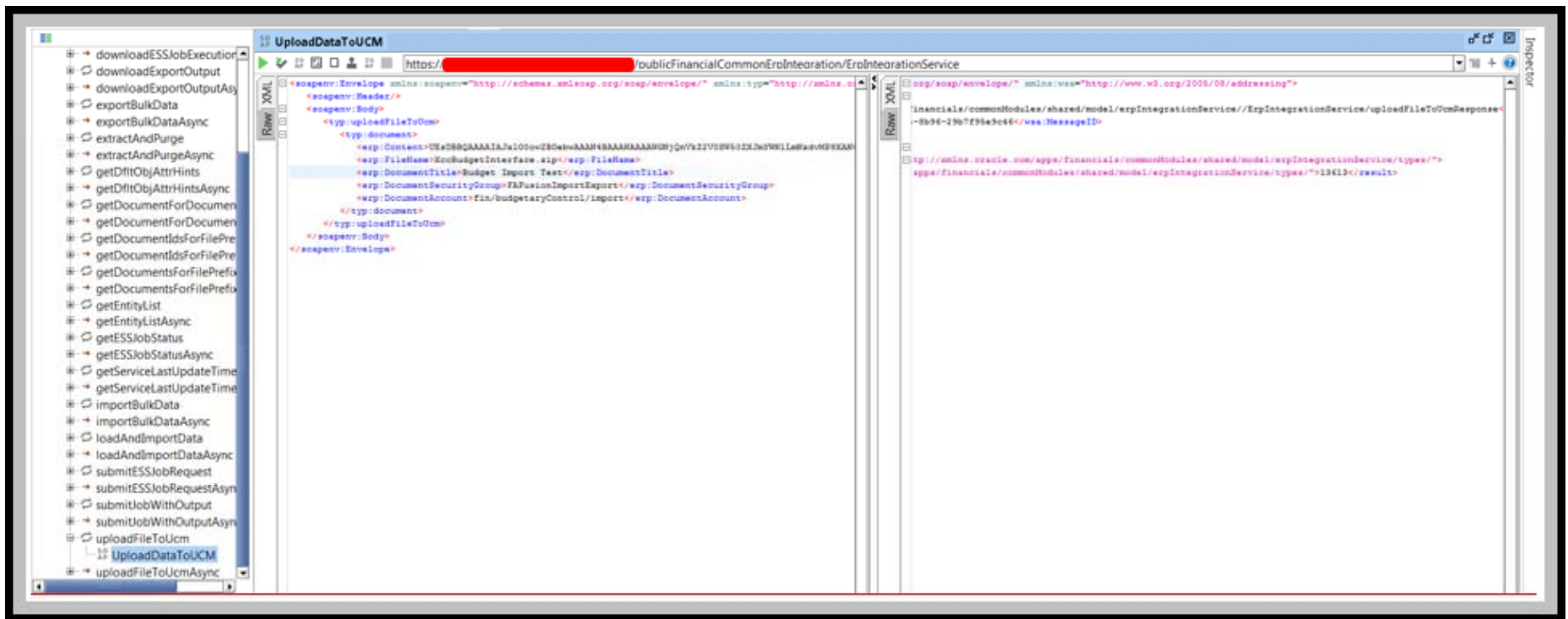
- Uploading files to UCM
- Running Import process
- Calling Main process ex. “AutoInvoice”
- Validations – Calling BI Reports

■ Not all Integrations will work with FBdi

- Customer Interface AR. Cannot use FBdi template since batch id is needed.

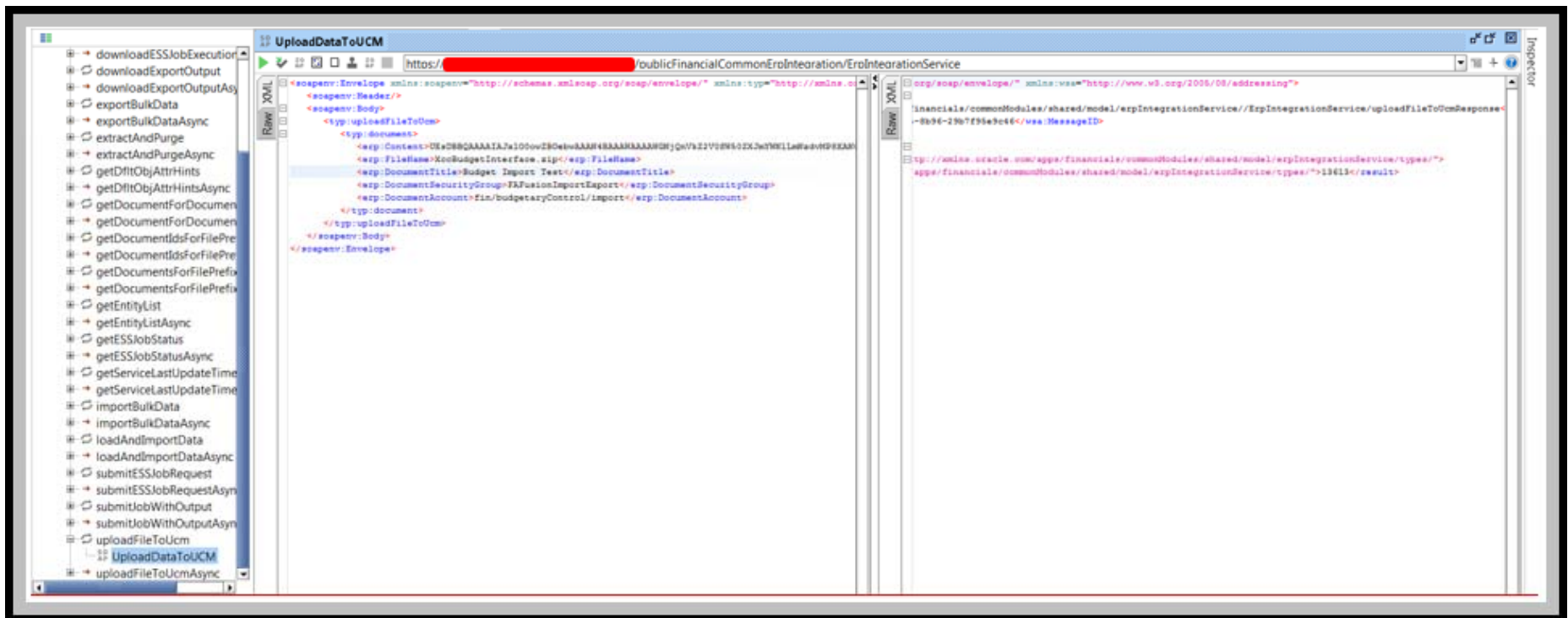
Web Services

Using Soap UI for Testing Web Services



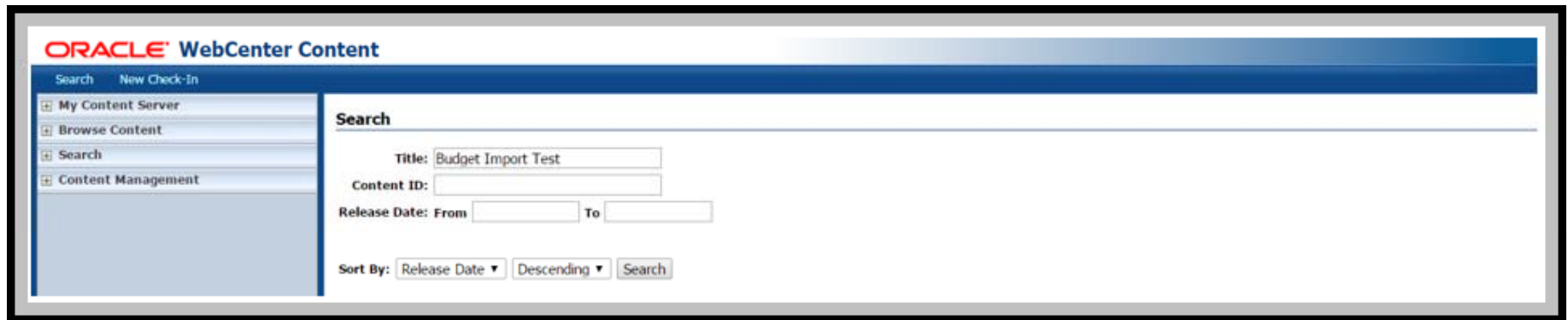
Web Services (GL)

- Uploading FBdi file to UCM



Web Services (GL) Continued

- WebCenter Content server to search for file
- URL: `https://<HOST>/cs/idcplg`



The screenshot shows the Oracle WebCenter Content search page. The header includes the Oracle logo and 'WebCenter Content'. A navigation menu on the left lists 'My Content Server', 'Browse Content', 'Search', and 'Content Management'. The main search area has a 'Search' tab and a 'New Check-In' link. The search form includes fields for 'Title' (containing 'Budget Import Test'), 'Content ID', and 'Release Date' (with 'From' and 'To' sub-fields). Below the form are 'Sort By' options: 'Release Date' (selected), 'Descending', and a 'Search' button.



The screenshot shows the search results page. The header indicates 'Search Results' and 'Found 1 item'. A 'Change View' dropdown and 'Search Actions' link are present. Below the header is a table with the following data:

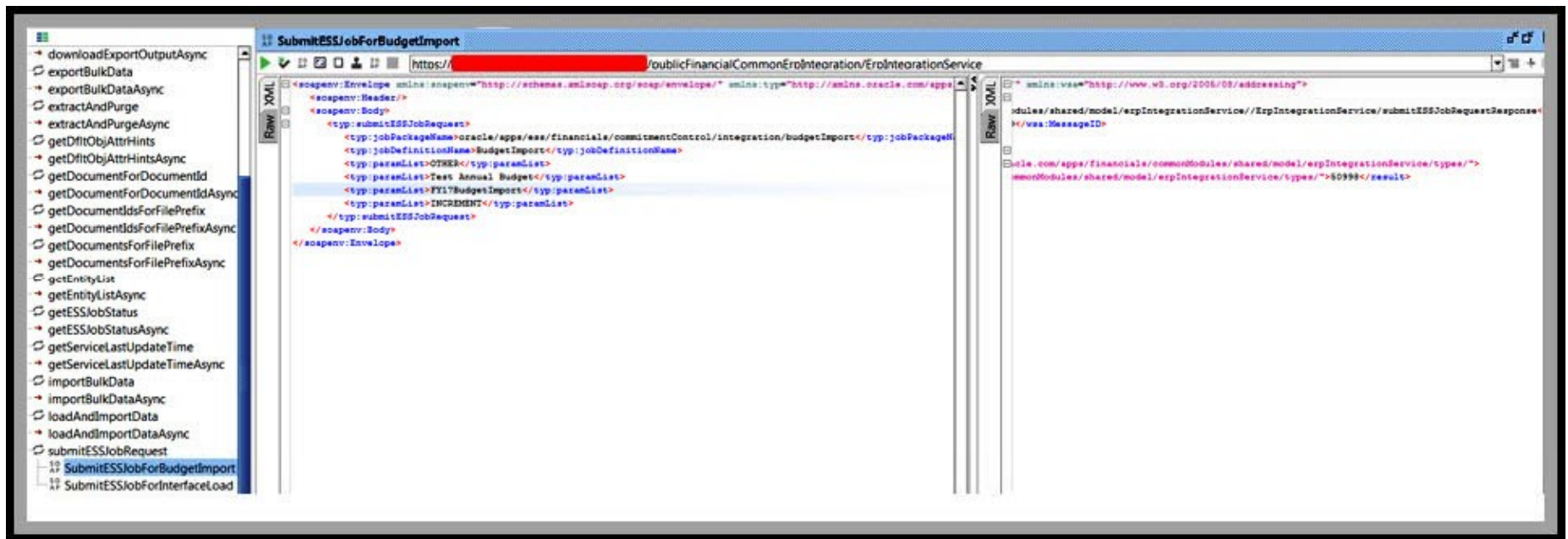
Select	ID	Title	Date	Author	Actions
☐	UICMFA014129	Budget Import Test	2/20/17	null	

- ESS Interface Load Process



Web Services (GL) Continued

- ESS Base load process



Web Services (GL) Continued

- Ess Job process to check status of submitted process.

Name	Process ID	Status	Scheduled Time	Submission Time
Load Interface File for Import	50992	Succeeded	2/20/17 2:57 AM UTC	2/20/17 2:57 AM UTC
Transfer File	50995	Succeeded	2/20/17 2:57 AM UTC	2/20/17 2:57 AM UTC
Load File to Interface	50996	Succeeded	2/20/17 2:57 AM UTC	2/20/17 2:57 AM UTC

HCM Data Loader (HDL)

- **Used for loading/Integrating HCM data**

- Recommended for bulk load over (1000) records.
- User names can defined and loaded.
- Users can be loaded with roles.
- Can be mapped to multiple source systems.
- In not an Fbdi file types are pipe delimited .dat.

- **HCM Data Loader scope**

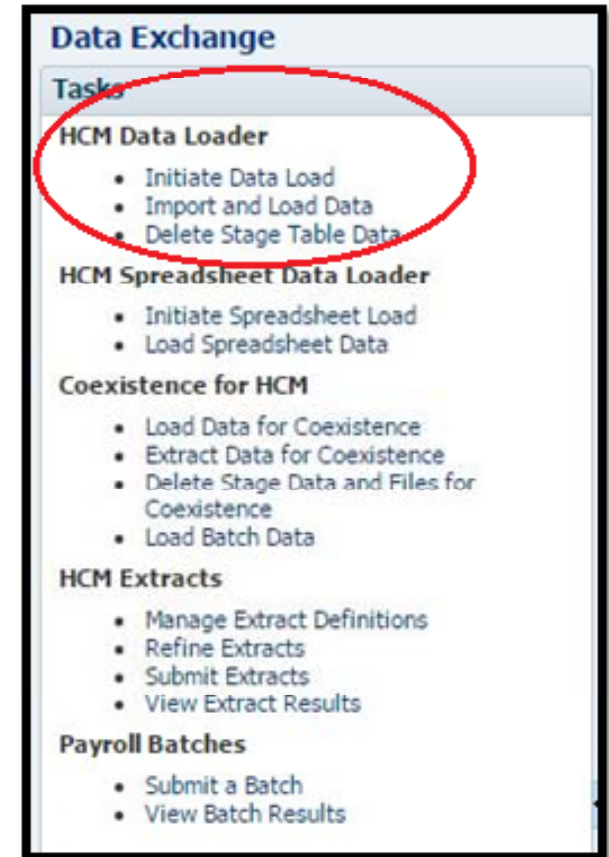
- **Doc ID 2020600.1** - HCM Data Loader: Business Object Documentation
- Needs to be set to full in order to load all business objects for HCM.
- Once scope is switched to “Full” you cannot use ADFdi of FBL for HCM.
- Changing the scope is a one time change. Will not be able to go back to limited.

HDL Template Downloading

HCM Data Loader templates can be downloaded by navigating to Data Exchange → Initiate Data Load.

Job role needed

“Human Capital Management Specialist”



HDL Template Downloading (Continued)

The screenshot shows the 'Initiate Data Load' interface. At the top, there are tabs for 'Overview' and 'Initiate Data Load'. The 'Initiate Data Load' tab is active. Below the tabs, there are two sub-tabs: 'Business Objects' and 'Processes'. The 'Business Objects' sub-tab is active. In the top right corner, there is a 'Generate Templates' button circled in red. Below the sub-tabs, there is a 'Search' section with a 'Module' dropdown menu and a 'Business Object' text input field containing the word 'Worker'. To the right of the search input, there are buttons for 'Advanced', 'Saved Search', 'Search', 'Reset', and 'Save...'. Below the search section, there is a 'Search Results' section. It contains a table with columns: 'Module', 'Business Object', 'Description', 'File Name', 'File', and 'Last Generated'. The table lists various business objects and their descriptions. The 'Actions' row is highlighted in yellow.

Search Results

Module	Business Object	Description	File Name	File	Last Generated
Global HR - Core Setup	Extended Lookup	Extended lookup codes can be used to sub categorize the FND lookup codes.			
Global HR - Core Setup	Extended Lookup Translation	Translation records for extended lookup codes which can be used to sub categorize the FND look...			
Global HR - Core Setup	Legislative Data Group	Legislative data groups are used to partition payroll data in large organizations with multiple lega...			
Global HR - Core Setup	Legislative Data Group Trans...	Translation records for legislative data groups which are used to partition payroll data in large or...			
Global HR - Core Setup	Action Reasons	The reason for an action. The action reason is an optional entry on a change to employment ter...			
Global HR - Core Setup	Action Reasons Translation	Translation records for the action reasons.			
Global HR - Core Setup	Actions	The action that was performed on an object, such as promotion or termination.			
Global HR - Core Setup	Actions Translation	Translation records for the action which was performed on an object, such as promotion or termi...			
Global HR - Core Setup	Calendar Event	Defines dates for public holidays like New Years day, Christmas and other important events such...			
Global HR - Core Setup	Calendar Event Translation	Translation records for calendar event which defines dates for public holidays like New Years day...			
Global HR - Core HR	Resource Exception	A specific exception created for a work schedule. For example, if a person has a doctor appointm...			
Global HR - Core Setup	Location	A location records the place, address, or other details associated with an organization. For exam...			
Global HR - Core Setup	Location Translation	Translation records for location which holds the place, address, or other details associated with a...			
Global HR - Core Setup	Grade	A grade shows the relative rank, level, or status of a worker in an assignment in an enterprise. F...			
Global HR - Core Setup	Grade Translation	Translation records for grade which represents the relative rank, level or status of a worker in an...			
Global HR - Core Setup	Grade Step Translation	Translation records for grade step which represents the incremental point within a grade.			

HDL Template Beginning Look

- Pipe delimited .dat look before any adjustments or data added.

```
1 COMMENT Data for Business Object: Worker Version: V2 Created on: 17-02-2016
2 METADATA|Worker|PersonId|EffectiveStartDate|EffectiveEndDate|PersonNumber|BloodType|CorrespondenceLanguage|StartDate|DateOfBirth|DateOfDeath|CountryOfBirth|RegionOf
3 METADATA|PersonAddress|PersonAddrUsageId|EffectiveStartDate|EffectiveEndDate|AddressType|PersonId|PersonNumber|AddressId|AddressLine1|AddressLine2|AddressLine3|Addr
4 METADATA|PersonCitizenship|CitizenshipId|PersonId|PersonNumber|DateFrom|DateTo|LegislationCode|CitizenshipStatus|SourceSystemOwner|SourceSystemId|GUID|SourceRefTabl
5 METADATA|PersonDeliveryMethod|DeliveryMethodId|DateStart|DateEnd|PersonId|PersonNumber|PreferredOrder|CommDlvryAddress|CommDlvryMethod|CommDlvryFkId|AddressType|Add
6 METADATA|PersonDriversLicence|FLEX:PER_PERSONDRIVERS_LICENSE_LEG_DDF|HRX_DE_LIC_LAST_VALID_DT|(PER_PERSONDRIVERS_LICENSE_LEG_DDF=DE)|HRX_DE_A1|(PER_PERSONDRIVERS_LI
7 METADATA|PersonEmail|EmailAddressId|DateFrom|DateTo|PersonId|PersonNumber|EmailType|EmailAddress|PrimaryFlag|SourceSystemOwner|SourceSystemId|GUID|SourceRefTableNam
8 METADATA|PersonEthnicity|EthnicityId|PersonId|PersonNumber|LegislationCode|DeclarerId|DeclarerPersonNumber|Ethnicity|PrimaryFlag|SourceSystemOwner|SourceSystemId|GC
9 METADATA|PersonLegislativeData|FLEX:PER_PERSON_LEGISLATIVE_DATA_LEG_DDF|ALTERNATE_BIRTH_PLACE|(PER_PERSON_LEGISLATIVE_DATA_LEG_DDF=AE)|_ORG_GRANTING_HIGHEST_EDU|(PER
10 METADATA|PersonName|PersonNameId|EffectiveStartDate|EffectiveEndDate|PersonId|PersonNumber|LegislationCode|NameType|FirstName|MiddleNames|LastName|MonDks|KnownAs|Pr
11 METADATA|PersonNationalIdentifier|NationalIdentifierId|PersonId|PersonNumber|LegislationCode|IssueDate|ExpirationDate|PlaceOfIssue|NationalIdentifierType|NationalId
12 METADATA|PersonPassport|FLEX:PER_PERSON_PASSPORT_LEG_DDF|ALTERNATE_ISSUE_PLACE|(PER_PERSON_PASSPORT_LEG_DDF=AE)|_ACCOMPANYING_PERSONS|(PER_PERSON_PASSPORT_LEG_DDF=AE
13 METADATA|PersonPhone|PhoneId|PhoneType|DateFrom|DateTo|PersonId|PersonNumber|CountryCodeNumber|AreaCode|PhoneNumber|Extension|LegislationCode|SpeedDialNumber|Valid
14 METADATA|PersonReligion|ReligionId|PersonId|PersonNumber|LegislationCode|Religion|PrimaryFlag|SourceSystemOwner|SourceSystemId|GUID|SourceRefTableName=<source-table
15 METADATA|PersonUserInformation|PersonUserInformationId|PersonId|PersonNumber|StartDate|UserGUID|UserName|SendCredentialsEmailFlag|CredentialsEmailAddress|GeneratedC
16 METADATA|PersonUserManualRoles|PersonUserManualRolesId|PersonId|PersonNumber|PersonUserInformationId|UserName|RoleName|SourceRefTableName=<source-table-name>|Source
17 METADATA|PersonVisa|FLEX:PER_PERSON_VISA_LEG_DDF|PREVIOUS_OCCUPATION|(PER_PERSON_VISA_LEG_DDF=AE)|_PREVIOUS_OCCUPATION_Display|(PER_PERSON_VISA_LEG_DDF=AE)|_SPONSOR
18 METADATA|WorkRelationship|FLEX:PER_PPS_LEG_DDF|NAIC_OVERRIDE_CODE|(PER_PPS_LEG_DDF=CA)|_NAIC_OVERRIDE_CODE_Display|(PER_PPS_LEG_DDF=CA)|_PSE_COVERED|(PER_PPS_LEG_DDF=
19 METADATA|WorkTerms|FLEX:PER_ASG_LEG_DDF|HRX_DE_DIS_EXEMPT_1|(PER_ASG_LEG_DDF=DE)|_HRX_DE_DIS_EXEMPT_1_Display|(PER_ASG_LEG_DDF=DE)|_HRX_DE_DIS_EXEMPT_2|(PER_ASG_LEG_I
20 METADATA|Assignment|FLEX:PER_ASG_LEG_DDF|HRX_DE_DIS_EXEMPT_1|(PER_ASG_LEG_DDF=DE)|_HRX_DE_DIS_EXEMPT_1_Display|(PER_ASG_LEG_DDF=DE)|_HRX_DE_DIS_EXEMPT_2|(PER_ASG_LEG
21 METADATA|AssignmentExtraInfo|ActionOccurrenceId|AeiInformationCategory|AssignmentExtraInfoId|AssignmentId|EffectiveEndDate|EffectiveLatestChange|EffectiveSequence|E
22 METADATA|AssignmentGradeSteps|AssignGradeStepId|AssignmentId|EffectiveEndDate|EffectiveStartDate|GradeStepId|AssignmentNumber|GradeId|GradeStepName|NewGradeStepName
23 METADATA|AssignmentSupervisor|AssignmentId|AssignmentSupervisorId|EffectiveEndDate|EffectiveStartDate|ManagerAssignmentId|ManagerId|ManagerType|PersonId|PrimaryFlag
24 METADATA|AssignmentWorkMeasure|AssignWorkMeasureId|EffectiveEndDate|EffectiveStartDate|Unit|Value|AssignmentId|AssignmentNumber|SourceSystemOwner|SourceSystemId|GUI
25 METADATA|Contract|FLEX:PER_CONTRACT_LEG_DDF|EMPLOYMENT_STATUS|(PER_CONTRACT_LEG_DDF=AE)|_EMPLOYMENT_STATUS_Display|(PER_CONTRACT_LEG_DDF=AE)|_MAIN_CONTRACT|(PER_CONTE
26 METADATA|WorkTermsExtraInfo|ActionOccurrenceId|AeiInformationCategory|AssignmentExtraInfoId|AssignmentId|EffectiveEndDate|EffectiveLatestChange|EffectiveSequence|Ef
27 METADATA|WorkTermsGradeSteps|AssignGradeStepId|AssignmentId|EffectiveEndDate|EffectiveStartDate|GradeStepId|AssignmentNumber|GradeStepName|GradeId|NewGradeStepName|
28 METADATA|WorkTermsSupervisor|AssignmentId|AssignmentSupervisorId|EffectiveEndDate|EffectiveStartDate|ManagerAssignmentId|ManagerId|ManagerType|PersonId|PrimaryFlag|
29 METADATA|WorkTermsWorkMeasure|AssignWorkMeasureId|AssignmentId|EffectiveEndDate|EffectiveStartDate|Unit|Value|AssignmentNumber|SourceSystemOwner|SourceSystemId|GUII
30 METADATA|WorkerExtraInfo|FLEX:PER_PERSON_EIT_EFF|EFF_CATEGORY_CODE|JOIN_PLACE|(PER_PERSON_EIT_EFF=HRX_CN_MILITARY_INFO)|_JOIN_DATE|(PER_PERSON_EIT_EFF=HRX_CN_MILITAF
31 METADATA|PersonImage|ImageId|Image|ImageName|PersonId|PersonNumber|PrimaryFlag|SourceSystemOwner|SourceSystemId|GUID|SourceRefTableName=<source-table-name>|SourceRe
```

HDL Template Sample

- Below example of loading a single worker with assignment.

```
METADATA|Worker|SourceSystemOwner|SourceSystemId|EffectiveStartDate|EffectiveEndDate|PersonNumber|StartDate|DateOfBirth|WaiveDataProtectFlag|Cate
MERGE|Worker|DEN_SOURCE|123_PERSON|1976/09/08|4712/12/31|01-35208|1976/09/08|1952/05/21|N|PER_EIT|HIRE

METADATA|PersonAddress|SourceSystemOwner|SourceSystemId|EffectiveStartDate|EffectiveEndDate|AddressType|PersonId(SourceSystemId)|Building|FloorNu
MERGE|PersonAddress|DEN_SOURCE|18101_ADDRESS_USAGE|1976/09/08|4712/12/31|HOME|123_PERSON|||New York|US|10130|||123 Street|||New York|NY

METADATA|PersonEmail|SourceSystemOwner|SourceSystemId|DateFrom|DateTo|PersonId(SourceSystemId)|EmailType|EmailAddress|PrimaryFlag
MERGE|PersonEmail|DEN_SOURCE|123_PERSON_EMAIL|1976/09/08|4712/12/31|123_PERSON|W1|testemail@testemail.com|Y

METADATA|PersonName|SourceSystemOwner|SourceSystemId|EffectiveStartDate|EffectiveEndDate|PersonId(SourceSystemId)|LegislationCode|NameType|FirstN
MERGE|PersonName|DEN_SOURCE|123_PERSON_NAME|1976/09/08|4712/12/31|123_PERSON|US|GLOBAL|Test||Person|MR.

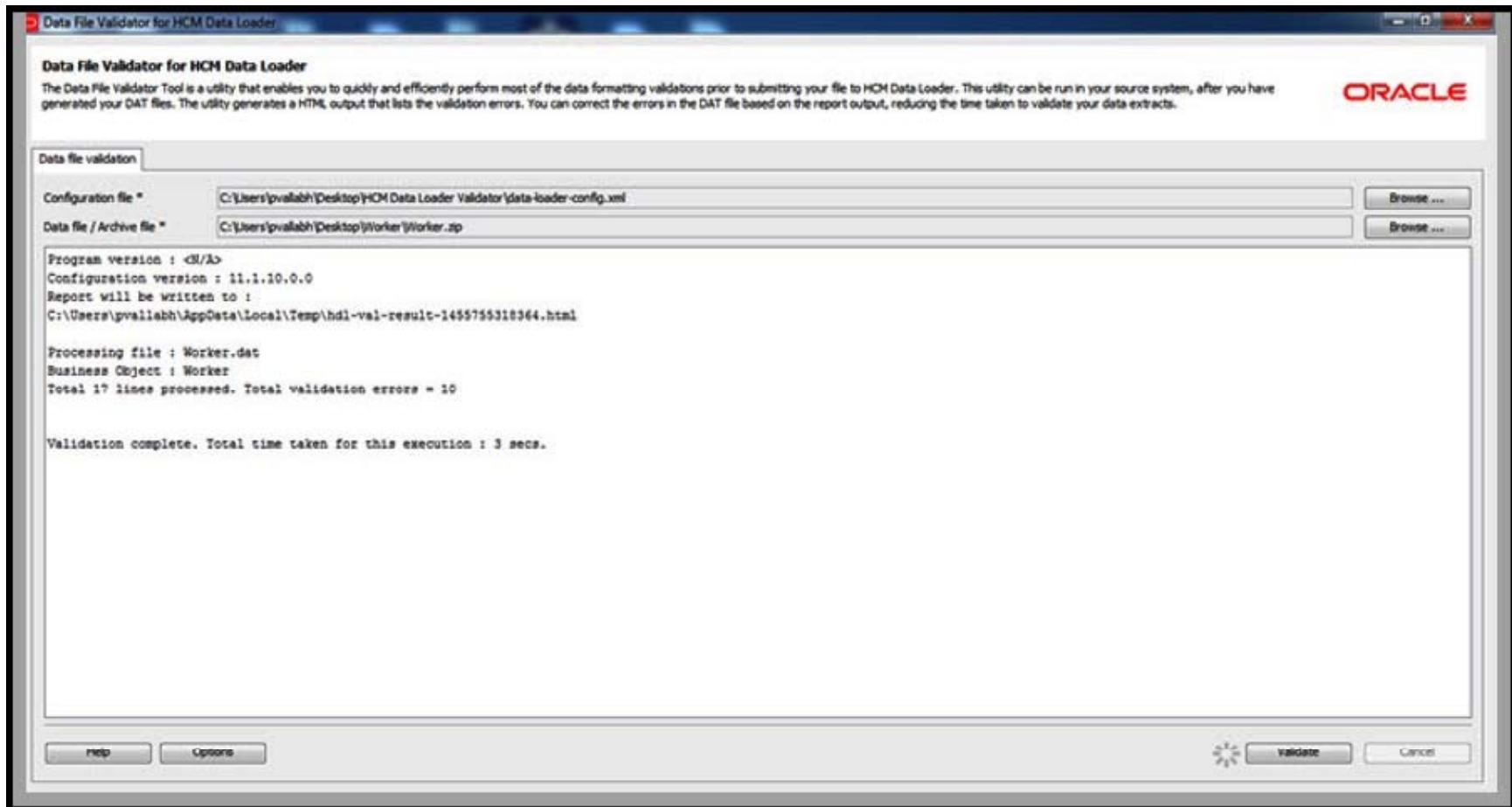
METADATA|WorkRelationship|ActualTerminationDate|LegalEmployerName|Comments|LastWorkingDate|DateStart|NotifiedTerminationDate|SourceSystemOwner|So
MERGE|WorkRelationship||Test Corp Legal Employer|||1976/09/08||DEN_SOURCE|325086_PERIOD_OF_SERVICE|123_PERSON|Y|||||E|N|N

METADATA|WorkTerms|ActionCode|SourceSystemOwner|SourceSystemId|AssignmentName|AssignmentNumber|AssignmentStatusTypeCode|AssignmentType|EffectiveE
MERGE|WorkTerms|HIRE|DEN_SOURCE|36253_EMP_TERM|ET1|01-EMP_TERM_1||ET|4712/12/31|Y|1|1976/09/08|325086_PERIOD_OF_SERVICE|123_PERSON|Y|Y|EMP|1901/0

METADATA|Assignment|ActionCode|SourceSystemOwner|SourceSystemId|EffectiveStartDate|EffectiveEndDate|EffectiveSequence|EffectiveLatestChange|Assig
MERGE|Assignment|HIRE|DEN_SOURCE|36253_EMP_ASSIGNMENT|1976/09/08|4712/12/31|1|Y|E|E1|01-EMP_ASG_1|ACTIVE_PROCESS||Test Corp Business Unit|93079_J
```

HDL Validator Tool

Doc ID 2022617.1 – HDL File Validator Tool



HDL Validator Tool

Validation Output

Data file validation details

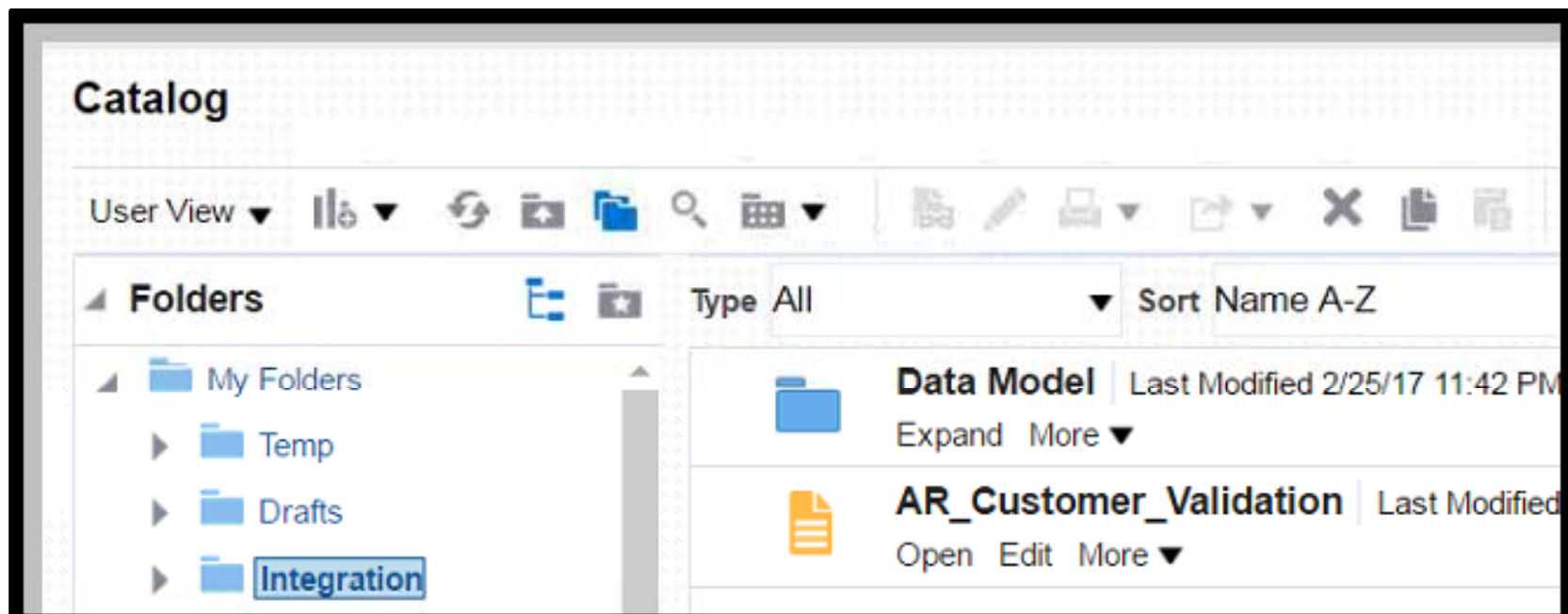
Object/Entity	Line Number	Validation Name	Message	Data
Worker	14	Invalid attribute for entry on METADATA line	Invalid field CollectiveAgreementId for business entity WorkTerms on line 14 of Worker dat will be ignored.	Show/Hide
Worker	14	Invalid attribute for entry on METADATA line	Invalid field FullPartTime for business entity WorkTerms on line 14 of Worker dat will be ignored.	Show/Hide
Worker	14	Invalid attribute for entry on METADATA line	Invalid field PermanentTemporary for business entity WorkTerms on line 14 of Worker dat will be ignored.	Show/Hide
Worker	14	Invalid attribute for entry on METADATA line	Invalid field CollectiveAgreementIdCode for business entity WorkTerms on line 14 of Worker dat will be ignored.	Show/Hide
Worker	14	Invalid attribute for entry on METADATA line	Invalid field DefaultExpenseAccount for business entity WorkTerms on line 14 of Worker dat will be ignored.	Show/Hide
Worker	16	Invalid attribute for entry on METADATA line	Invalid field CollectiveAgreementId for business entity Assignment on line 16 of Worker dat will be ignored.	Show/Hide
Worker	16	Invalid attribute for entry on METADATA line	Invalid field FullPartTime for business entity Assignment on line 16 of Worker dat will be ignored.	Show/Hide
Worker	16	Invalid attribute for entry on METADATA line	Invalid field PermanentTemporary for business entity Assignment on line 16 of Worker dat will be ignored.	Show/Hide
Worker	16	Invalid attribute for entry on METADATA line	Invalid field CollectiveAgreementIdCode for business entity Assignment on line 16 of Worker dat will be ignored.	Show/Hide
Worker	16	Invalid attribute for entry on METADATA line	Invalid field DefaultExpenseAccount for business entity Assignment on line 16 of Worker dat will be ignored.	Show/Hide

Data file validation summary

Data File	Business Object	Business Entity	Total Records	Validation Errors	Status
Worker.dat	Worker	-	17	10	FAILED
Worker.dat	Worker	Worker	1	0	SUCCESS
Worker.dat	Worker	PersonUserInformation	1	0	SUCCESS
Worker.dat	Worker	WorkTerms	1	0	SUCCESS
Worker.dat	Worker	PersonName	1	0	SUCCESS
Worker.dat	Worker	Assignment	1	0	SUCCESS
Worker.dat	Worker	PersonUserManualRoles	1	0	SUCCESS
Worker.dat	Worker	PersonEmail	1	0	SUCCESS
Worker.dat	Worker	WorkRelationship	1	0	SUCCESS

Data Validation

- Use ESS process Reports
- Custom Reports
 - Pre-Validation Reports
 - Post Validation Reports

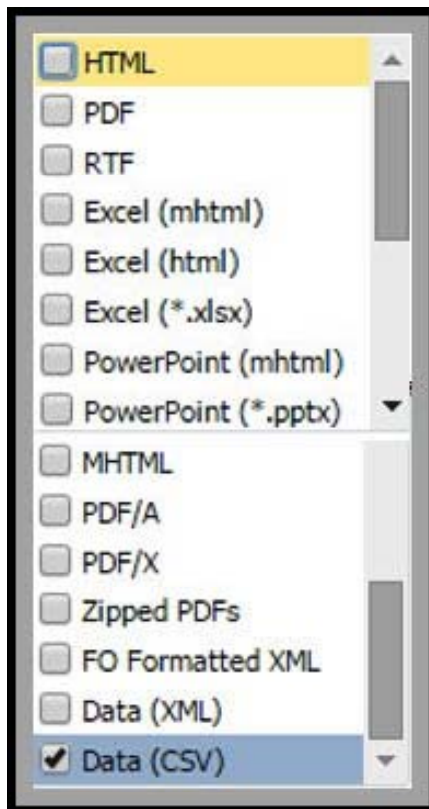


Outbound Integration

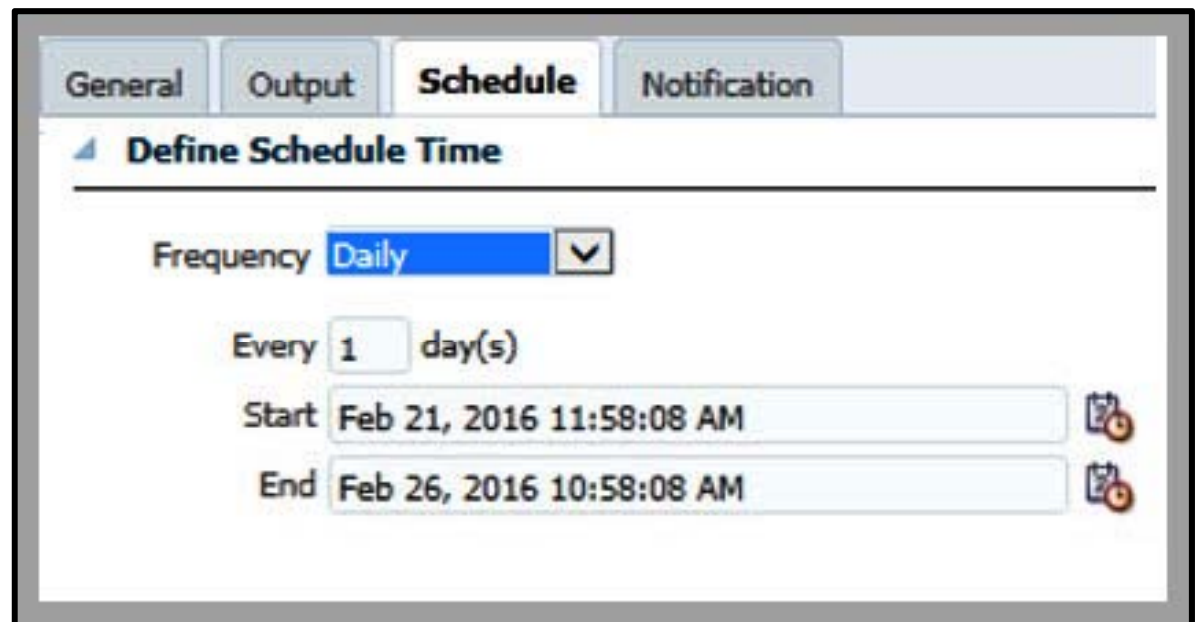
- BI Reports
 - Positive Pay
 - ACH Integration
 - Invoice Receipts

Outbound Integration (BI)

Output Formats



Scheduling/Format/Destinations/Notification



Outbound Integration – Destination Types

Multiple destinations can be picked at once.

Destination

There are five destination types: Email, Printer, Fax, FTP and Web folder. You can add multiple destinations as you need.

Destination Type

Email
Printer
FTP

Add Destination

Email

Output All

*To

Cc

Reply to

Subject

Message

FTP

Output All

FTP Server

*Remote Directory

*Remote File Name

User Name

Password

Printer

Output All

Printer Group

Printer

Number of Copies

2-Sided Print

Print Range

Default Tray

Outbound Integrations – Notifications

Notify By ☒ Email Email Address

When ☒ Report completed

- ☒ Report completed with warnings
- ☒ Report failed
- ☒ Report skipped

Submit

Report Outbound Interfaces/Receivables/_Report.xdo

Parameters Date From:06-01-2015, Date To:02-13-2016

Schedule Start immediately

Output Output1

Notification Email

Trigger Data Model

Trigger Name

Trigger Retry Limit

Trigger Pause Time

Trigger Parameters

Report Job Name

@oracle.com

Oracle BI Publisher Notification: [denTest]: Job was successfully processed.

To

 We removed extra line breaks from this message.

Integration Issues

- Processing time.
 - Calling Pre Validation reports can take approximately 2 seconds per record due to transformation of response.
 - Prevent timing out issues if a process takes to long.



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Q&A

<IOUG> OAUG Quest

#C17LV

Please Complete Your Session Evaluation

Evaluate this session in your COLLABORATE app.
Pull up this session and tap "**Session Evaluation**"
to complete the survey.

Session ID: 10349



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Integrating with Oracle Cloud