

Roundtable TSMS 12.0

Tips, Tricks, and What's New

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Who do we think we are?

- Roundtable TSMS
 - Software Configuration Management for OpenEdge
- Roundtable Team
 - Basic version control built for Eclipse
- Roundtable Automation
 - CI/CD and DevOps enablement



Roundtable TSMS 12.0

- What's New
- Tips
- Tricks



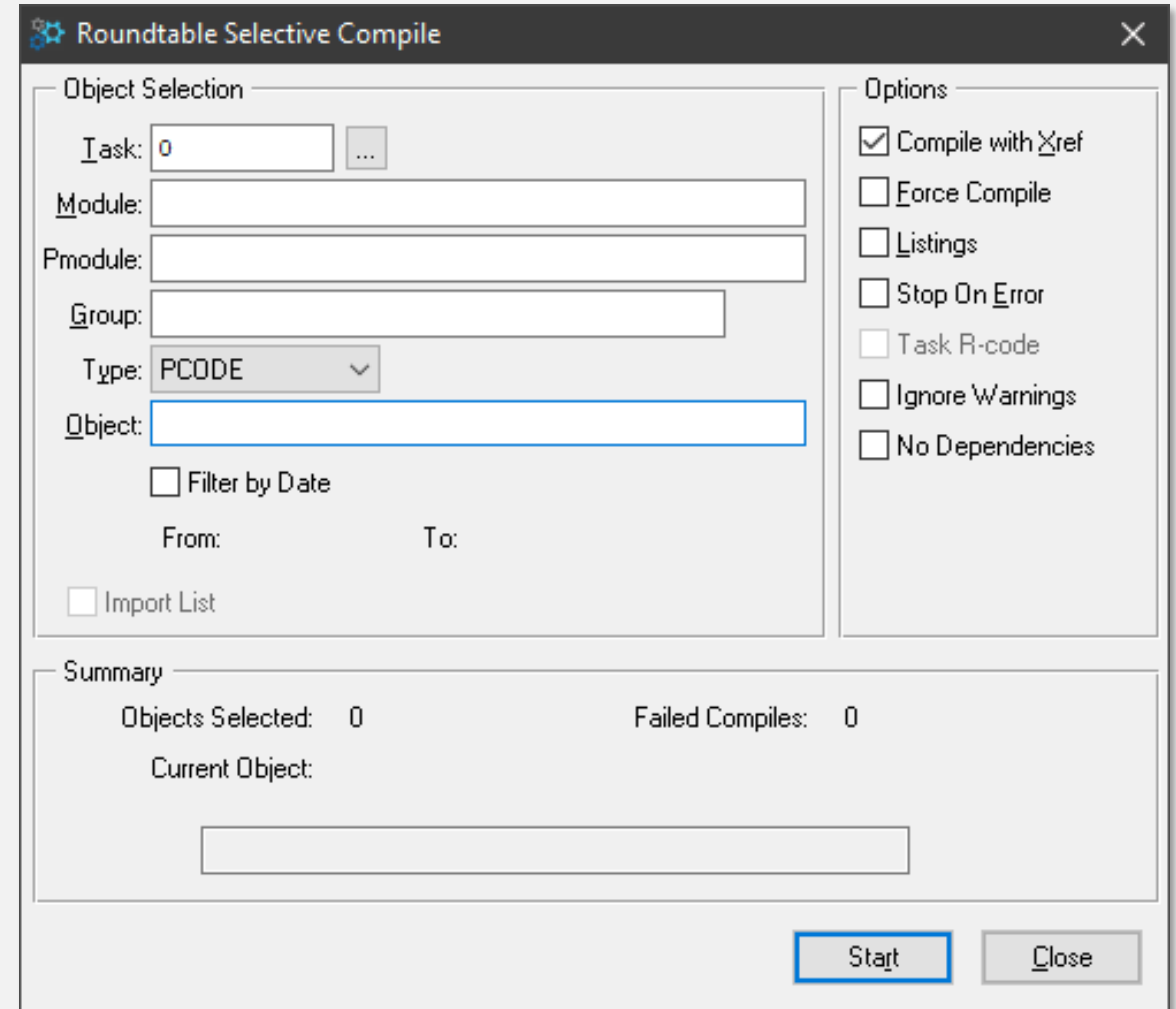
Roundtable TSMS 12.0

- Available April 2019
- Compatible with OE 11.x and greater
- Supports traditional AppServer and PASOE



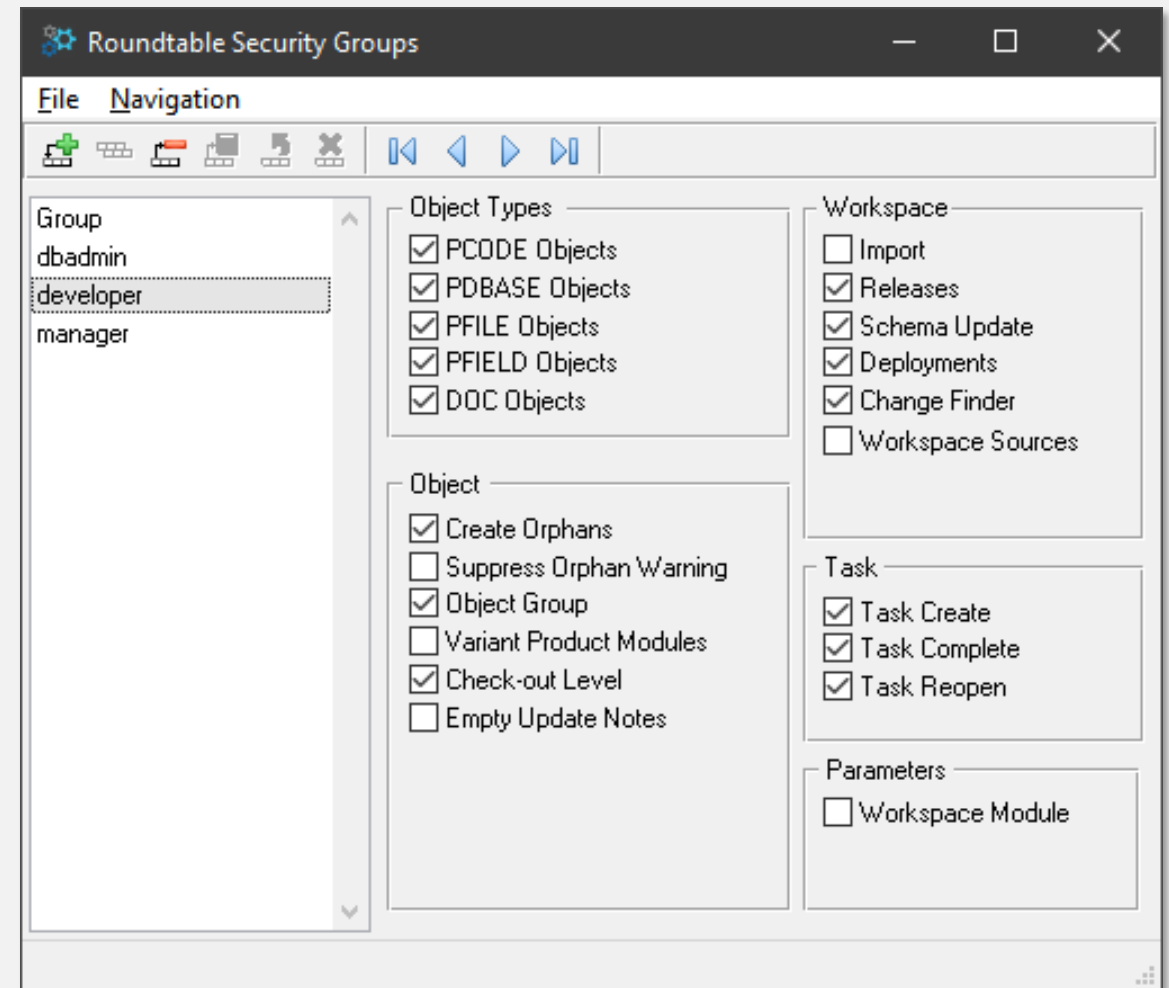
What's New in 12.0

- Selective Compile Improvements
 - Use Import table as a basis for compilation
 - Specify a date range for compilation
 - Send compilation process to back-ground (plug-in)



What's New in 12.0

- Permission Groups
 - New permission to allow blank Version notes
 - Default behavior is to disallow
 - Eliminates need for event hook
 - Enforces best-practice
- While we're at it...
 - Did you know about the Variant Product Modules permission?



What's New in 12.0

- Xref Processing for OOABL
 - Capture method attributes
 - Easy to identify Public, Protected, etc. methods and data-members.

Object	Type	Status	Actions	Xref Type	Attributes	Ref Text
jiraConfig			AU	DATA-MEMBER	PROTECTED	rtb.jira.JiraData:jiraConfig
JiraConfig.cls	PCODE	C	N	CLASS		JiraConfig.cls
JiraData				CONSTRUCTOR	PUBLIC	
JiraData				DESTRUCTOR	PUBLIC	



What's New in 12.0

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Views: Xref for JiraData.cls

Object	Type	Status	Actions	Xref Type
jiraConfig			AU	DATA-MEMBER
JiraConfig.cls	PCODE	C	N	CLASS
JiraData				CONSTRUCTOR
JiraData				DESTRUCTOR

RTB XRef

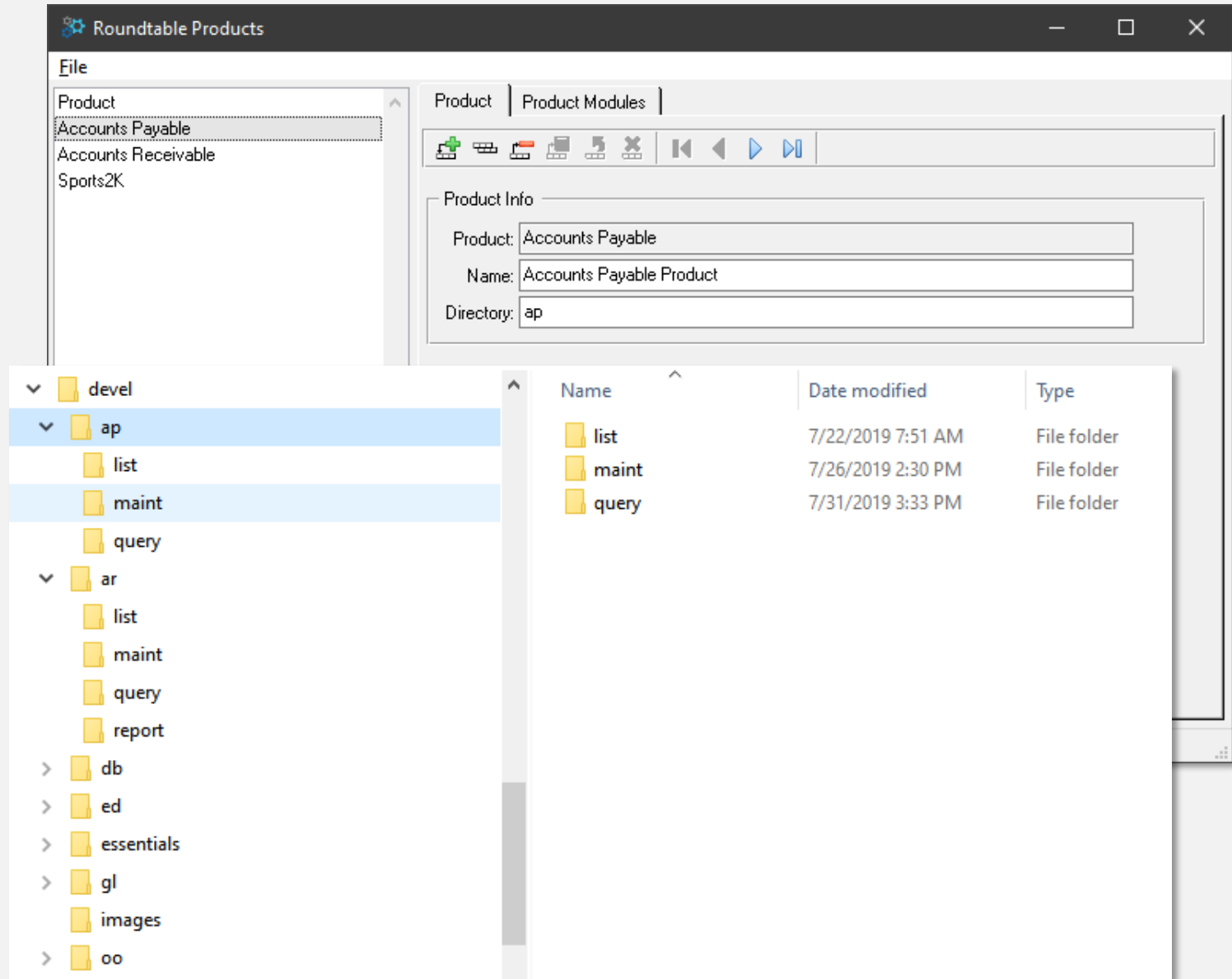
Current: IssueAction.cls (01.00.00) (OADEvel)

- CLASS
 - IssueAction.cls
 - JiraConfig.cls
 - JiraData.cls
- CONSTRUCTOR
 - IssueAction (PUBLIC)
- DATA-MEMBER
 - jiraConfig (A)
- METHOD
 - Add (E)
 - addComment (PUBLIC)
 - AddHeader (E)
 - applyTransition (PUBLIC)
 - Build (E)
 - ContentType (E)
 - Execute (E)
 - getCredentials (E)
 - JiraData (E)
 - Post (E)
 - postRequest (E)
 - SetRequestTimeout (E)
 - UsingBasicAuthentication (E)
- PROPERTY
- SUBCLASS
 - JiraData.cls
- XCLASS



What's New in 12.0

- Product Definition
 - Specify a directory
 - Relative path to Workspace
 - Reduce Module Definitions



What's New in 12.0

- Use Project Folder as Task Root
 - Eliminate Task_XX folders
 - Can simplify testing



Roundtable TSMS

Builder Options

Smart Compile Xref Listing

Compile Options

Show warnings and errors only

Batch size

Database Options

Database connections

Security

SSL Certificate Store

Roundtable credentials in Secure Storage.

Task Options

Activate Task when selected

Use project folder as Task root

User Interface Options

Represent Users by

Auto-Connect to TSMS Repositories

Enable hierarchical presentation

Display Groups before Objects

Show completed Objects in Tasks View

Show Lab Objects in Tasks View

Show most recent Tasks first

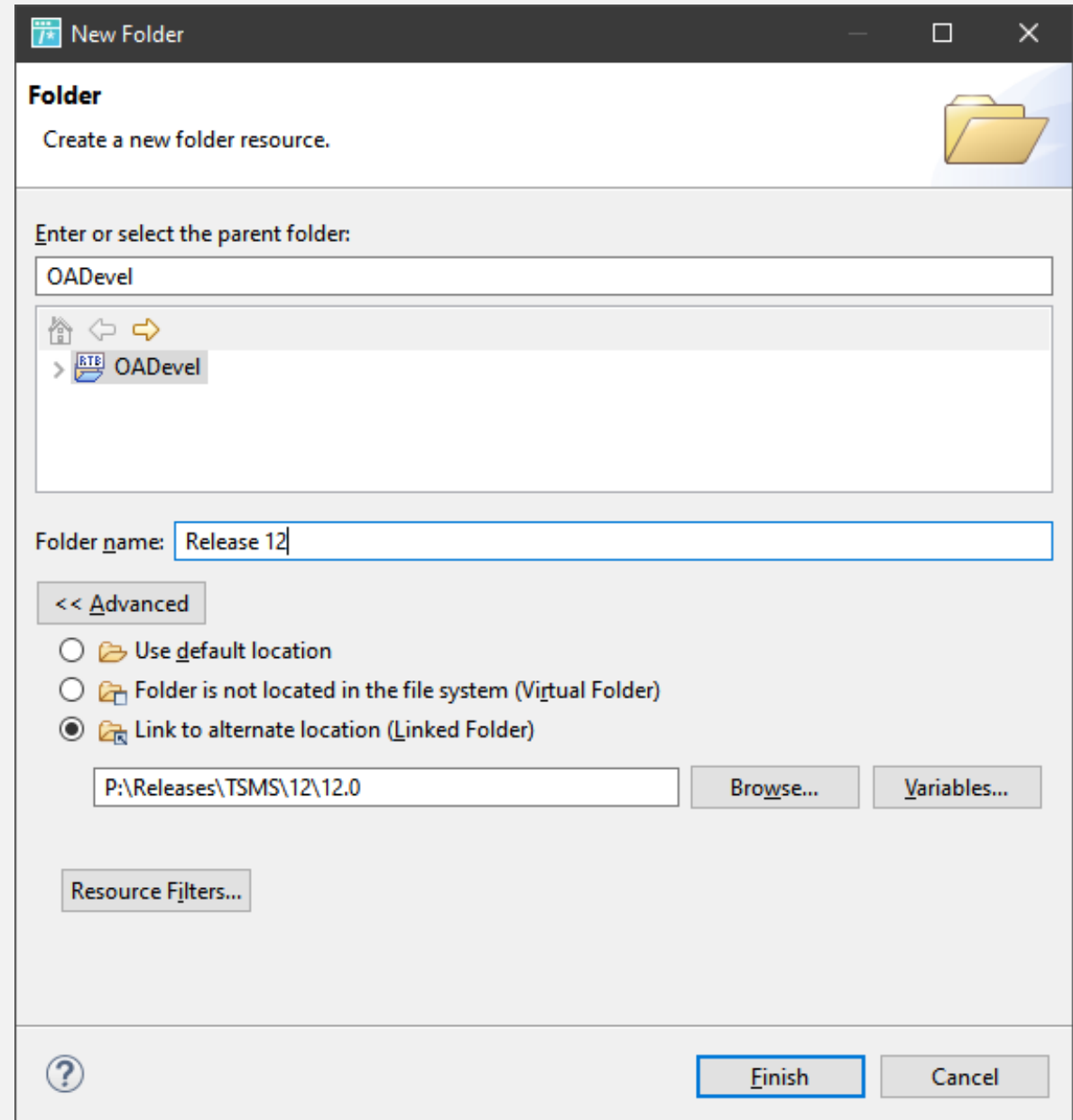
Group by Product Module in Tasks View

Search/Batch size



What's New in 12.0

- Allow Linked Resources in Project
 - Useful when tools require project resource



What's New in 12.0

- New and Improved Reports
 - Object Variant Report
 - Shows all variants of a given Object
 - Import Analysis Report
 - Option to show intervening versions instead of just source and target
 - Improved formatting

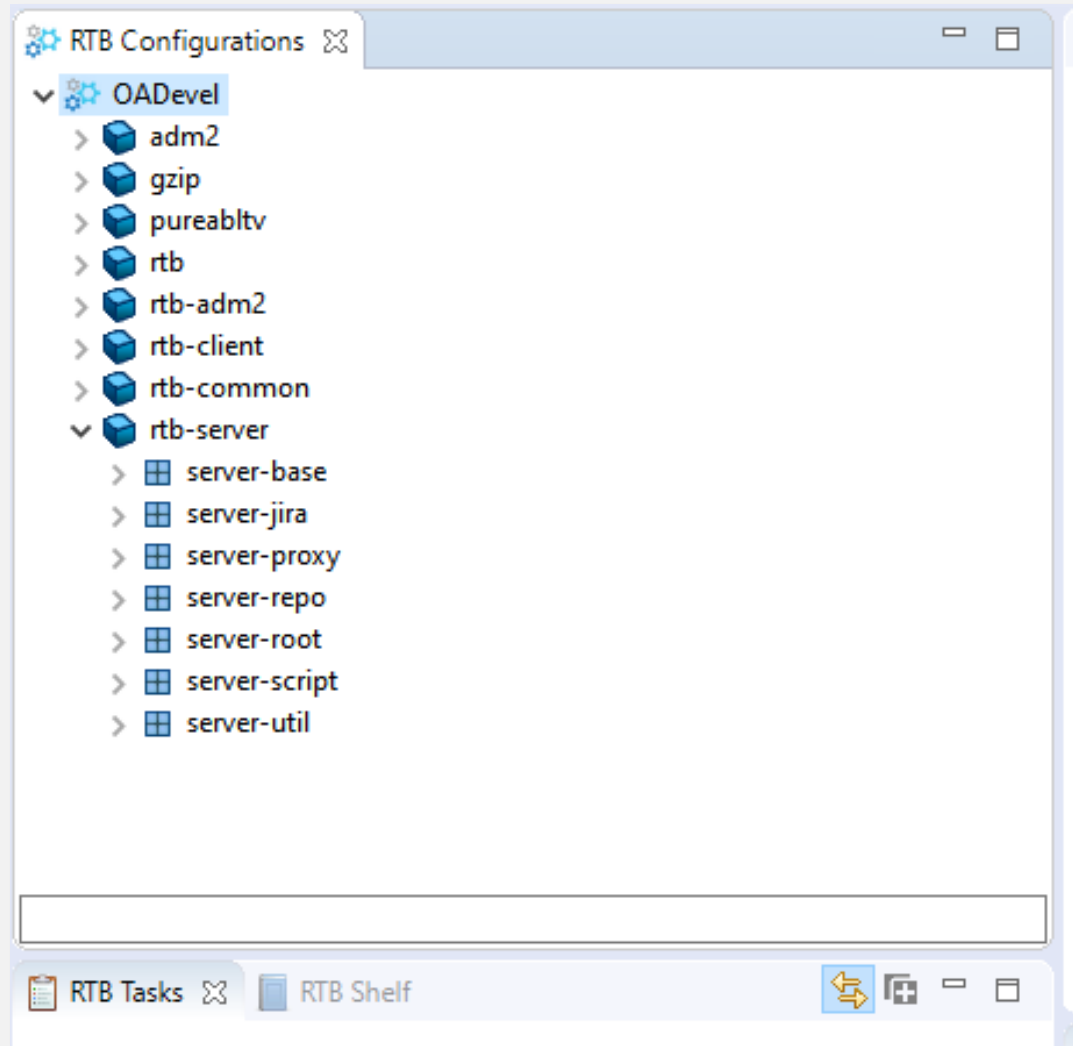


What's New in 12.0



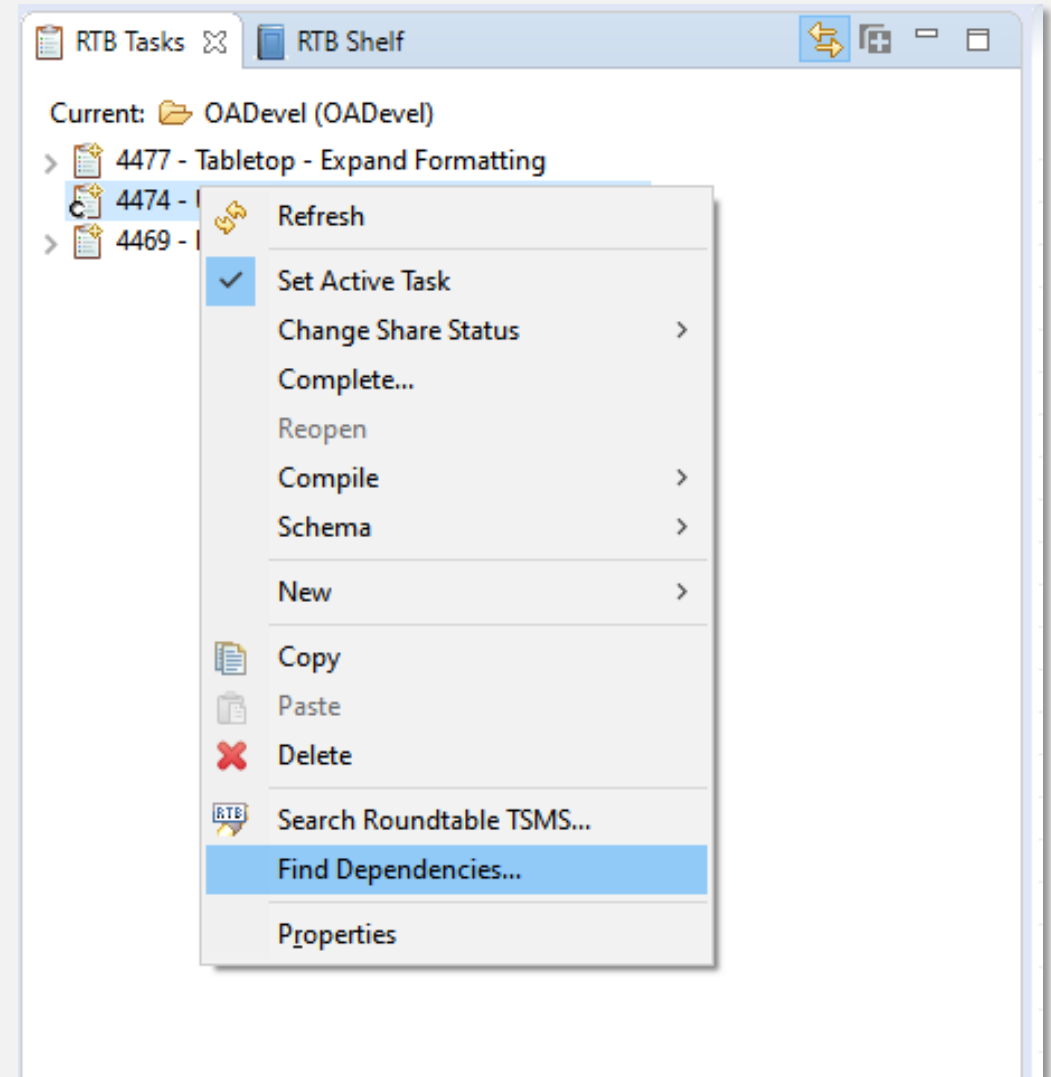
Tips

- Plug-in Quick Search
 - Quickly find Workspace Objects



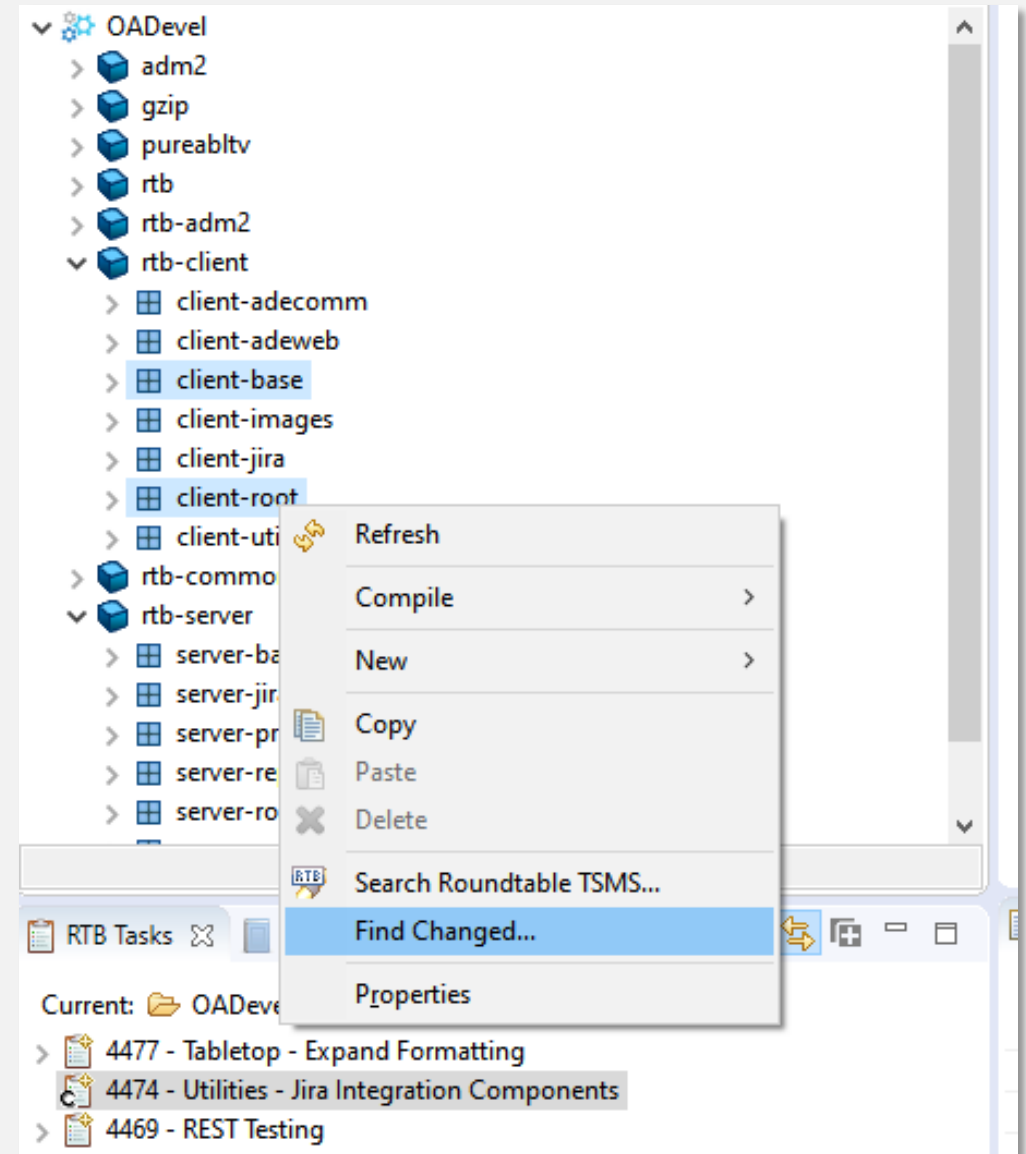
Tips

- Plug-in Dependency Finder
 - Helps you to identify dependencies that are WIP in other Tasks



Tips

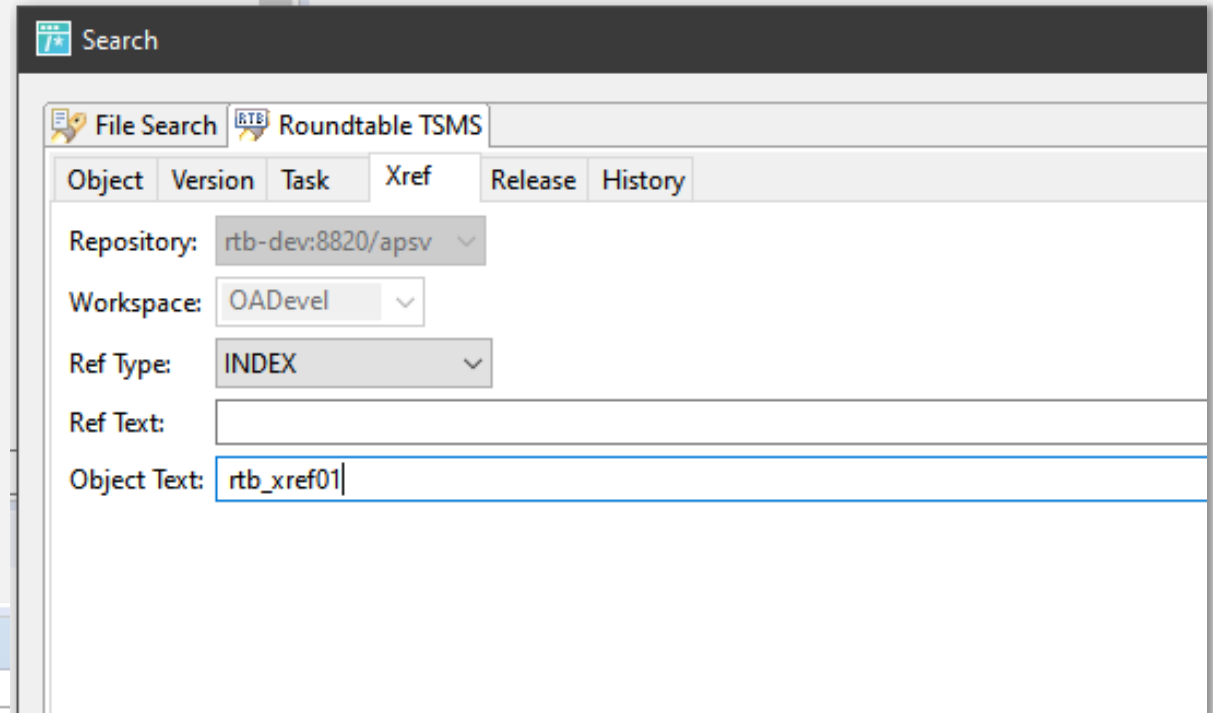
- Plug-in Change Finder
 - Find changed and deleted Workspace Object
 - Equivalent of Global Change Finder on GUI
 - Search by Product or Product Module(s)



Tips

- Plug-in Xref Search

- Perform targeted searching of Xref data
- Equivalent (sorta) of Informal Xref View in GUI



Search

rtb-dev:8820/apsv, OADevel, 4, rtb_xref01

Object	Workspace	Ref Actions	Xref Type	Source Type	Ref Text	Object Text	Ref Object
rtb_s_task.p	OADevel	S	INDEX	PROG	rtb_xref.rtb_xref01	rtb_xref01	rtb_xref.rtb_xref01
rtb_rpt_xref.p	OADevel	S	INDEX	PROG	rtb_xref.rtb_xref01	rtb_xref01	rtb_xref.rtb_xref01
rtb_psload.p	OADevel	S	INDEX	PROG	rtb_xref.rtb_xref01	rtb_xref01	rtb_xref.rtb_xref01
rtb_rpt_class.p	OADevel	S	INDEX	PROG	rtb_xref.rtb_xref01	rtb_xref01	rtb_xref.rtb_xref01
rtb_compilePre.p	OADevel	S	INDEX	PROG	rtb_xref.rtb_xref01	rtb_xref01	rtb_xref.rtb_xref01
rtb_s_xref.p	OADevel	S	INDEX	PROG	rtb_xref.rtb_xref01	rtb_xref01	rtb_xref.rtb_xref01



Tips

- Enable Hierarchical View
 - Nest tree-view children based on user-defined delimiter
 - Facilitates navigation
- Group by Product Modules in Tasks View
 - Show Task Objects like Configurations view
 - Facilitates navigation



User Interface Options

Represent Users by

Auto-Connect to TSMS Repositories

Enable hierarchical presentation

Display Groups before Objects

Show completed Objects in Tasks View

Show Lab Objects in Tasks View

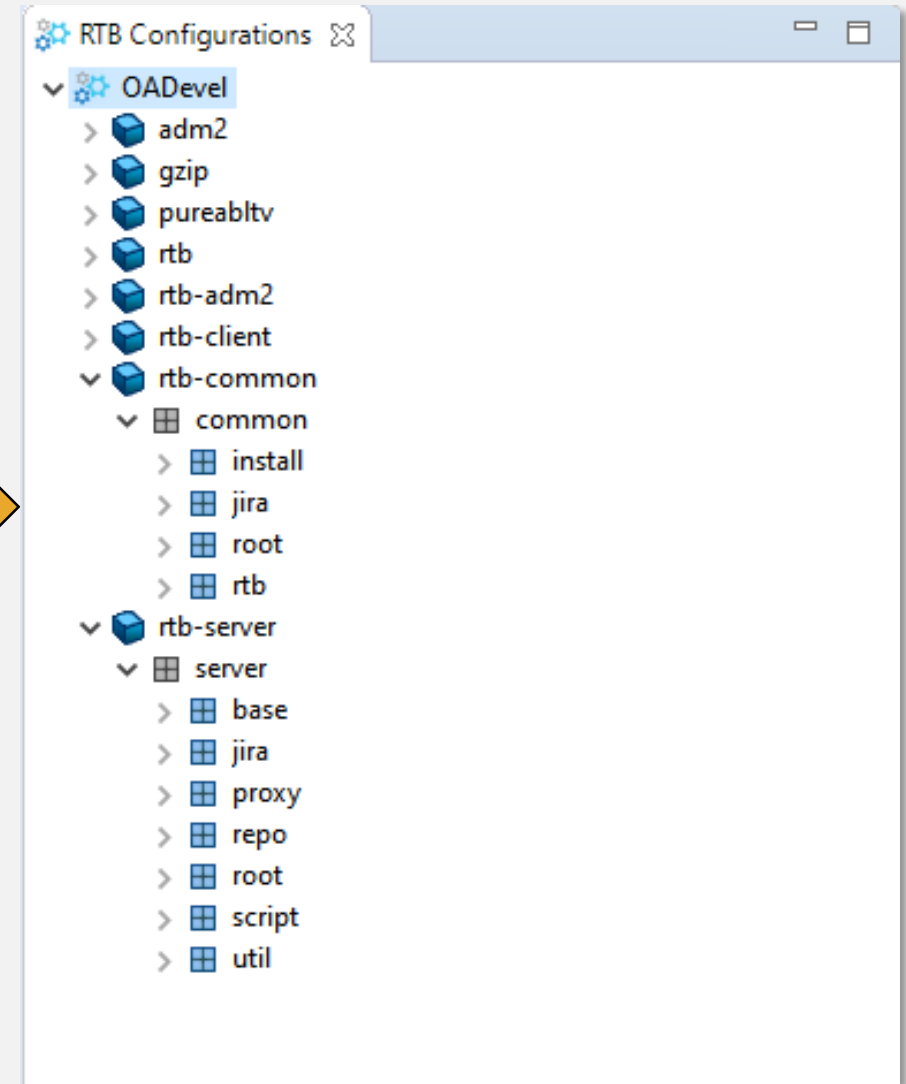
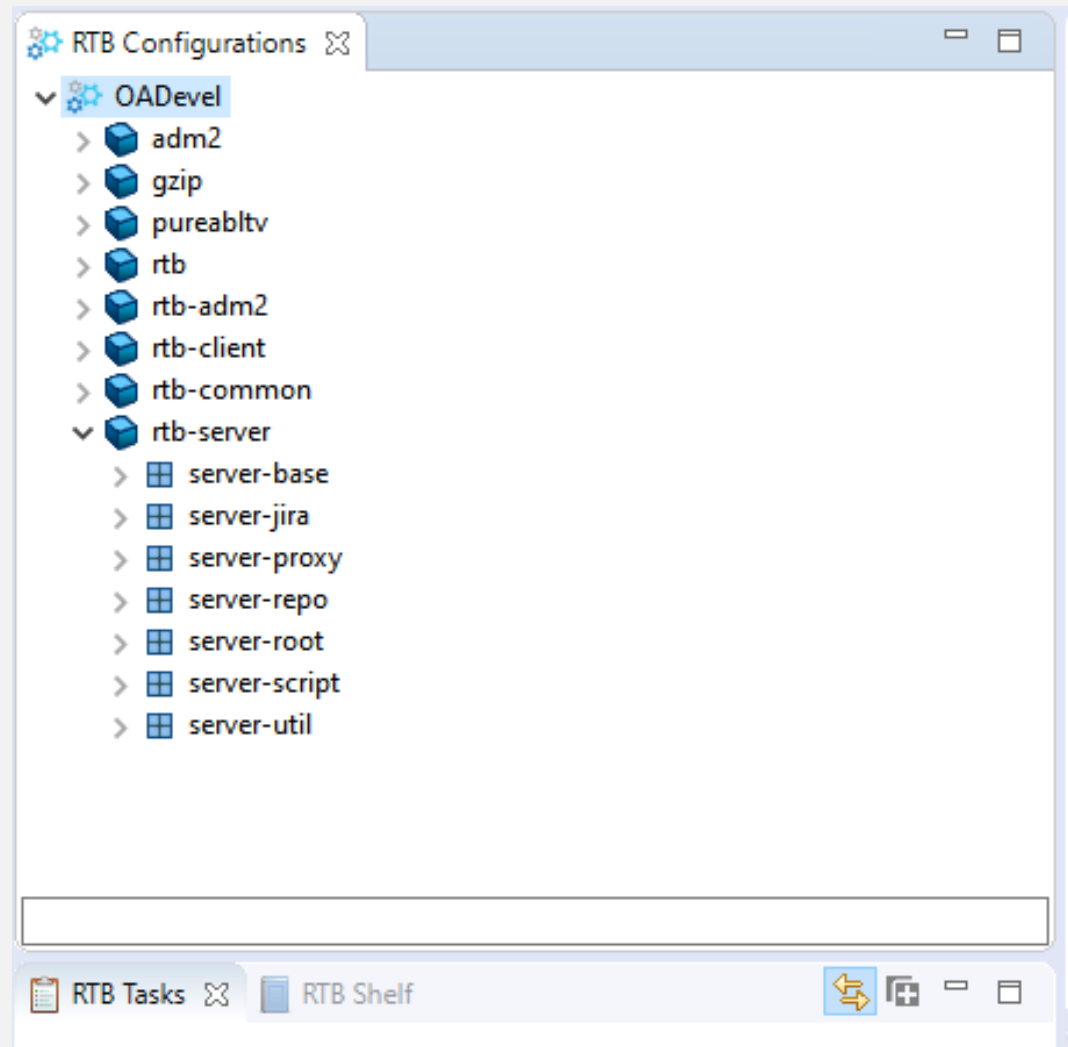
Show most recent Tasks first

Group by Product Module in Tasks View

Search/Batch size



Tips



Tips

- GUI Workspaces Tree
 - Show Products & Product Modules
 - Show Workspace Modules
- Default Task Directory
 - Automatically populate Task directory with default value when creating new Tasks
 - Can use environment variables



Roundtable User Preferences

Compile

Compile w/Ref on Object assignment

Databases

Connect Workspace databases

Prompts

Show dialog before editing "Read Only" Object

Suppress version notes prompt

Startup

Startup Procedure: OpenEdge AppBuilder

Tabletop

Show completed Objects in Tasks view

Workspaces Tree:

Show Products and Product Modules

Show Workspace Modules

Visual Diff Command

"C:\Program Files (x86)\WinMerge\WinMergeU.exe" /dl %: ...

Default Task Directory

%userprofile% ...

Append Task number to default directory

OK Cancel



Tips

- Make your own Perspective
 - Base on OpenEdge Editor perspective
 - Add Roundtable (or other) views



Tips

- PASOE Configuration
 - Increase HTTP connection time-out value
 - Default value is 20000ms (20 seconds)
 - Increase to a high value (2000000ms)
 - <PAS Instance Location>/conf/catalina.properties
 - `psc.as.http.connectiontimeout=2000000`
 - Session-pool error occurs when value is exceeded



Tips

- Object Backup
 - Stores WIP and Lab Object in repository with each save
 - Compare Backups with each other or to current

The screenshot shows two windows from the RTB software. The top window, titled 'RTB Tasks', displays a tree view of tasks. The 'Current' task is 'OADEvel (OADEvel)'. Underneath, there are three tasks: '4477 - Tabletop - Expand Formatting', '4474 - Utilities - Jira Integration Components', and '4469 - REST Testing'. The '4469 - REST Testing' task is expanded to show a sub-task 'rtb-server', which is further expanded to show 'server' and 'proxy'. Under 'proxy', two files are listed: 'rtbGetLabObjects.p' and 'rtbGetWorkspaces.p'.

The bottom window, titled 'RTB Backups', shows a table of backup records. The 'Current' backup is 'rtbGetWorkspaces.p (OADEvel)'. The table has columns for Object, Product Module, Version, Task, User, and Timestamp. Two rows are visible: one for 'Monday, September 30, 2019 1' and another for 'Friday, June 7, 2019 10:14 AM'. A context menu is open over the second row, with 'Compare With' selected. A sub-menu is also open, showing 'Current' and 'Each Other' options.

Object	Product Module	Version	Task	User	Timestamp
rtbGetWorkspaces.p	server-proxy	02.01.00	4469	jeff	Monday, September 30, 2019 1
rtbGetWork:		02.01.00	4469	jeff	Friday, June 7, 2019 10:14 AM

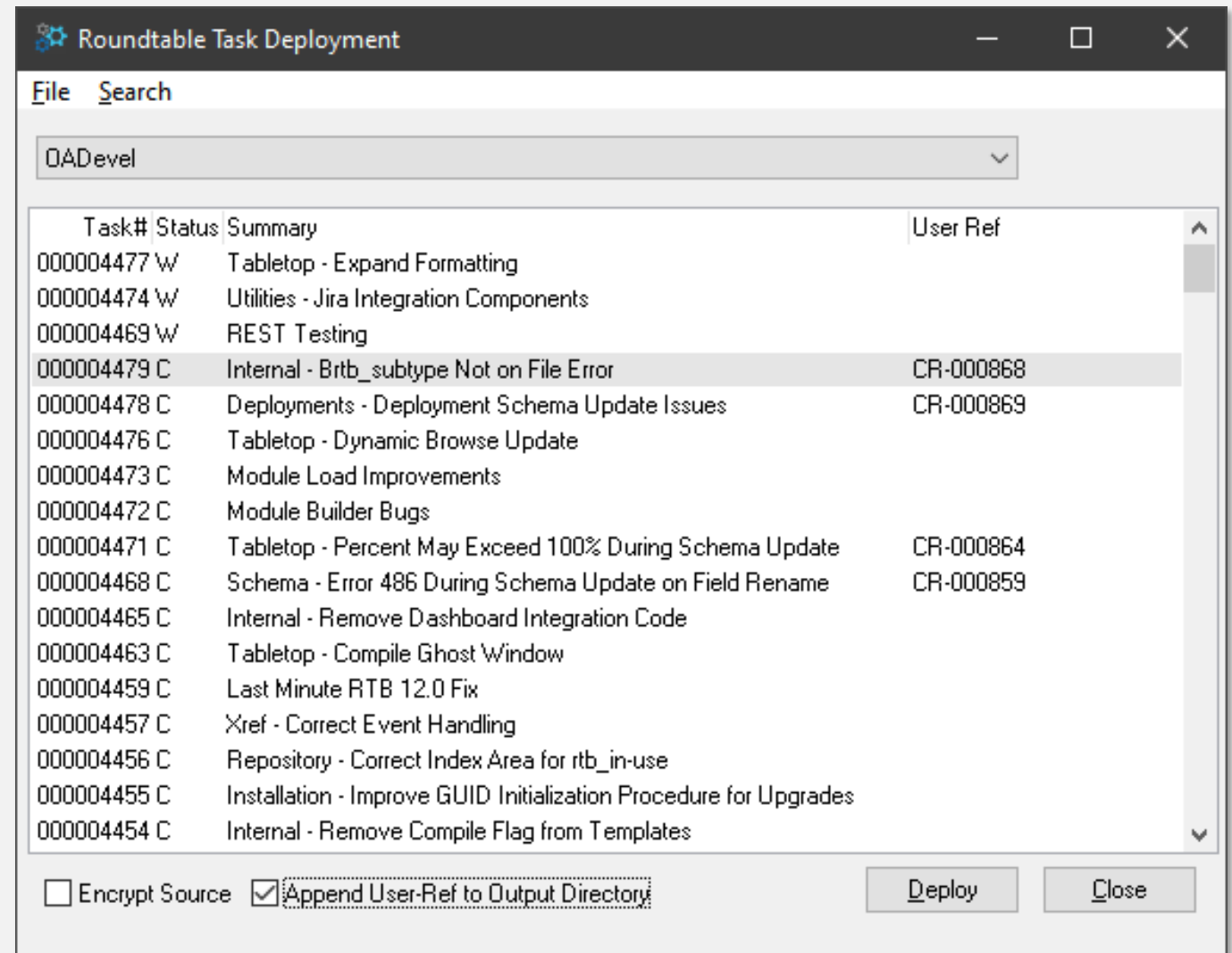


Tips



Tricks

- Task Deployment Tool
 - Hidden tool
 - Quickly export the contents of a Task
 - Encrypt source
 - `rtb/w/rtb_taskdeploy.w`



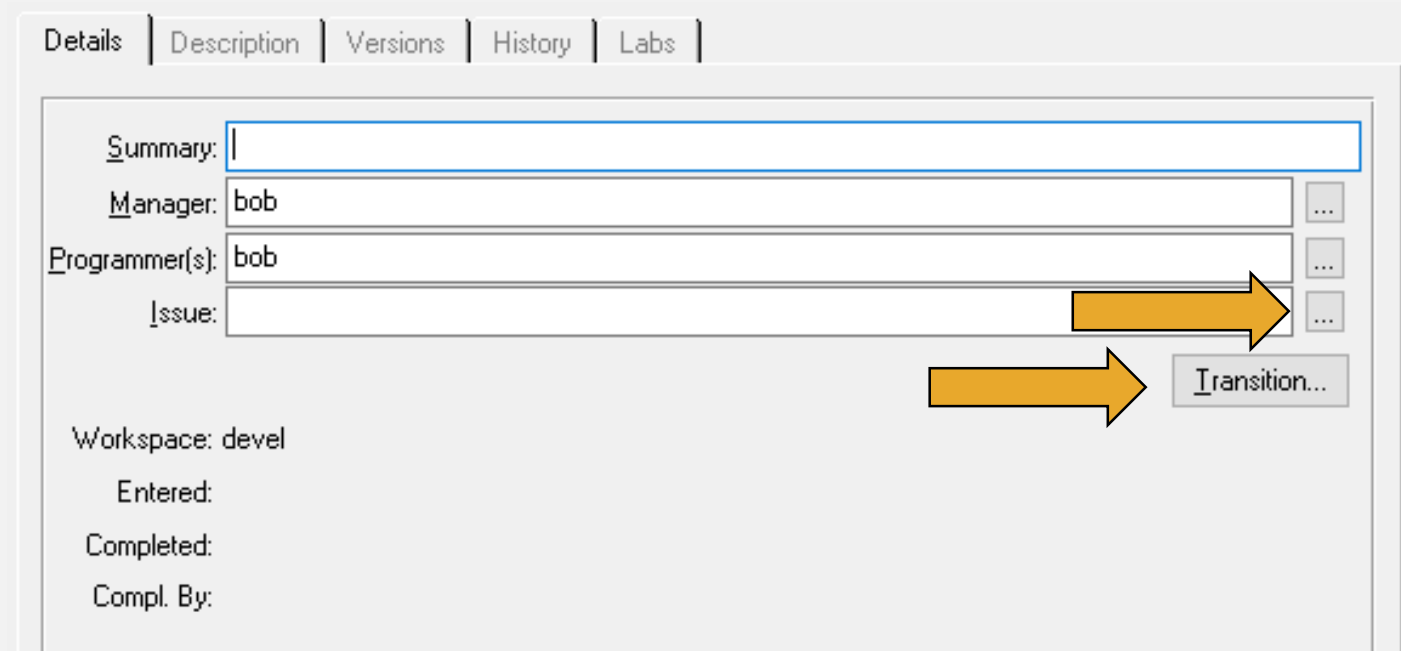
Tricks

- Module Builder
 - Hidden tool
 - Helps you to create Module Definitions
 - Optionally create Products and Product Modules
 - Useful for loading a new application
 - `rtb/util/w/rtb_buildmoddefs.w`



Tricks

- Jira Integration
 - Look up Jira Issues
 - Apply Transition
 - Open-source



The screenshot shows the 'Details' tab of a Jira issue. The fields are as follows:

- Summary:** A text input field containing a vertical bar character '|'. A blue border highlights this field.
- Manager:** A dropdown menu with 'bob' selected and a '...' menu icon to the right.
- Programmer(s):** A dropdown menu with 'bob' selected and a '...' menu icon to the right.
- Issue:** A dropdown menu with a '...' menu icon to the right. A yellow arrow points from this field to the 'Transition...' button.
- Transition...:** A button with a yellow arrow pointing to it from the 'Issue' dropdown.

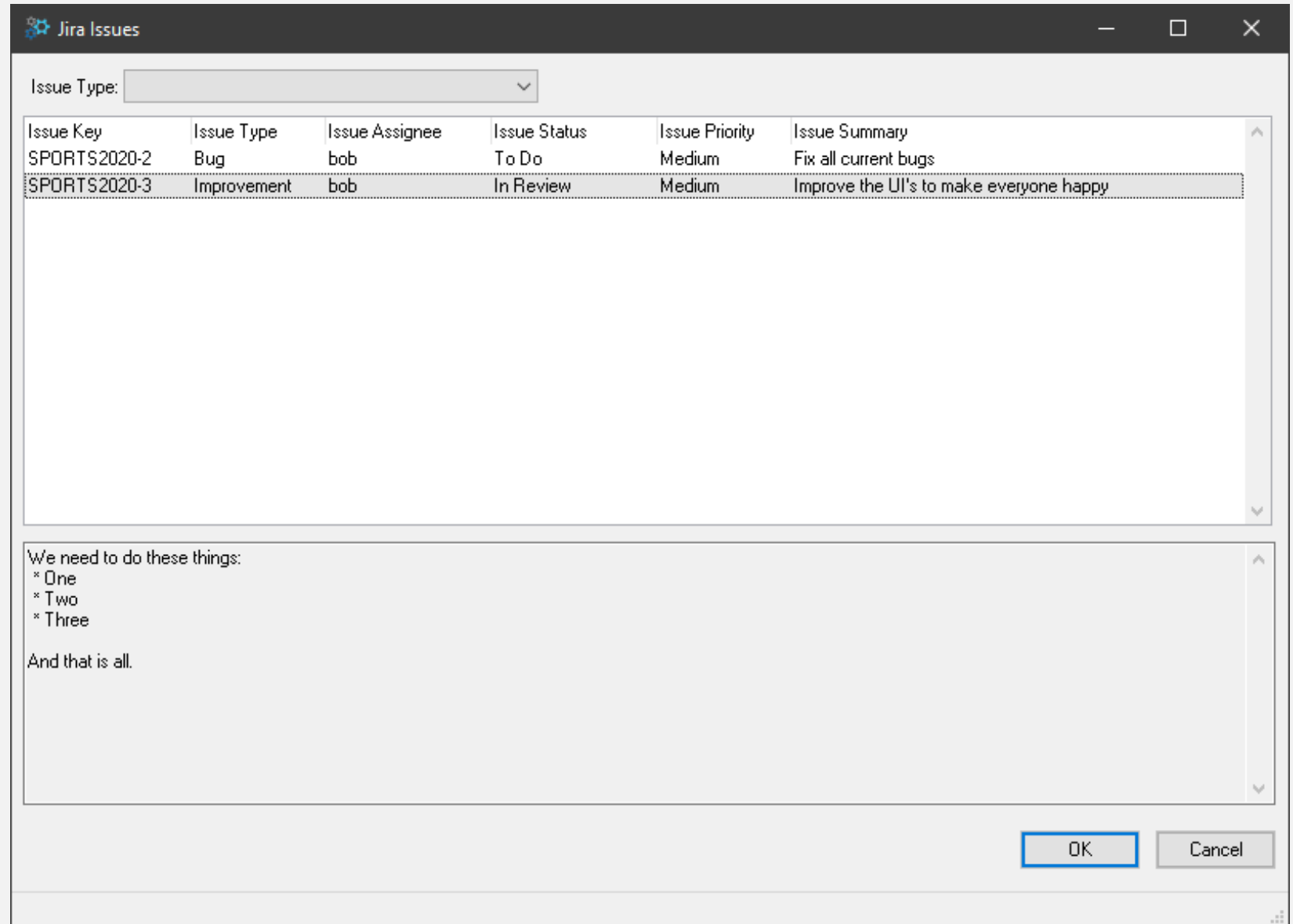
Below the dropdowns, the following information is displayed:

- Workspace: devel
- Entered:
- Completed:
- Compl. By:



Tricks

- Jira Integration
 - Look up Jira Issues
 - Apply Transition
 - Open-source



The screenshot shows a window titled "Jira Issues" with a search bar and a table of issues. Below the table is a text area containing a list of tasks and a summary.

Issue Key	Issue Type	Issue Assignee	Issue Status	Issue Priority	Issue Summary
SPORTS2020-2	Bug	bob	To Do	Medium	Fix all current bugs
SPORTS2020-3	Improvement	bob	In Review	Medium	Improve the UI's to make everyone happy

We need to do these things:
* One
* Two
* Three
And that is all.

OK Cancel



Tricks



Questions?



PUGCHALLENGE ▶
AMERICAS