

How do I validate and fine-tune my Version

Overview

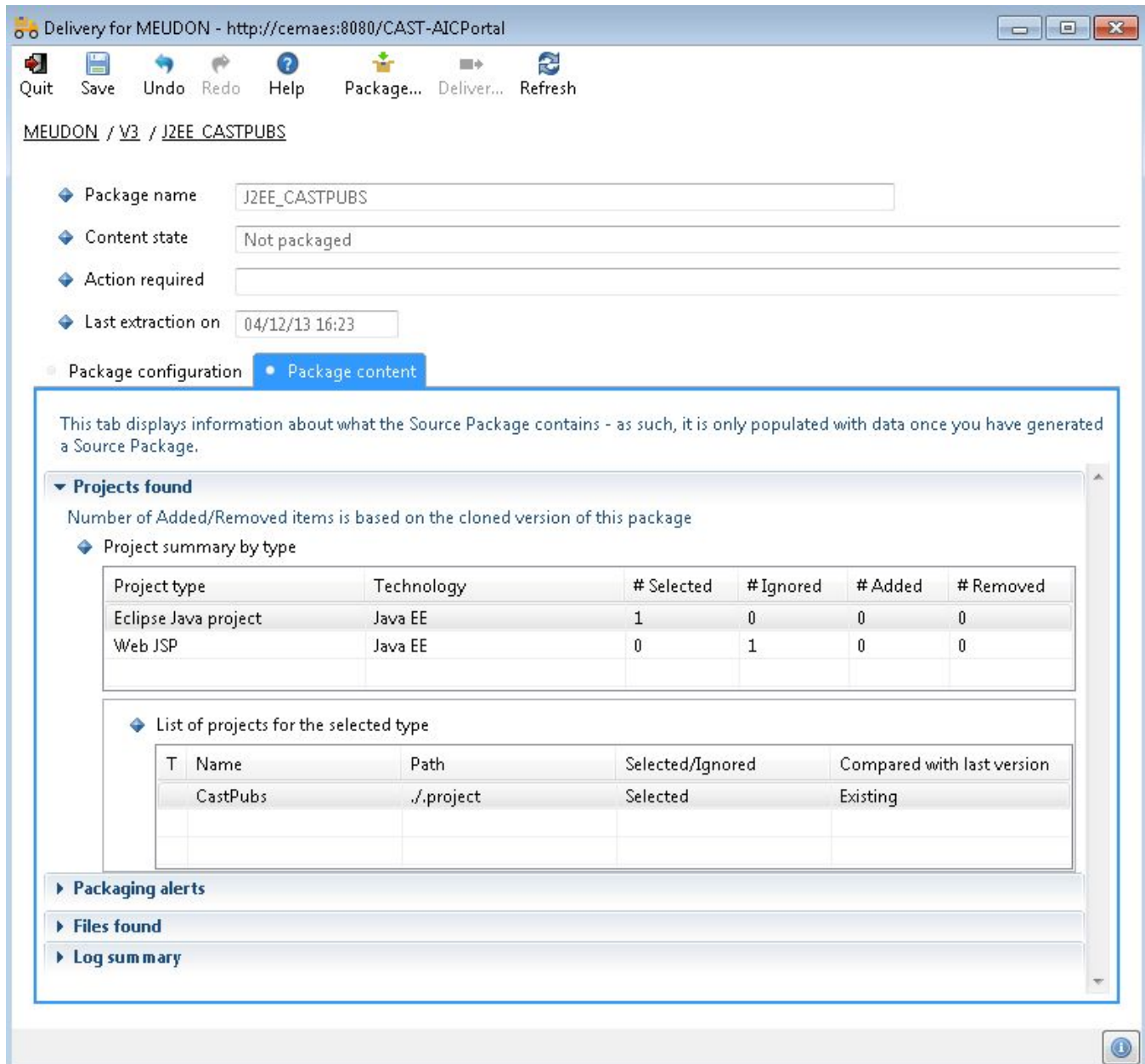
When you have configured a Version and packaged some source code the next step is to validate the packaging to ensure that what you are delivering to the CAST AI Center for analysis is coherent. This validation needs to be undertaken using the CAST Delivery Manager Tool.

Key tasks:

- [Overview](#)
- [Check the Package Content tab](#)
- [Define exclusions if necessary](#)
- [Handle any DMT delivery alerts](#)
- [Re-run the Package action](#)

Check the Package Content tab

The first thing you should do is to check the **Package Content tab** for each Package in your Version. This tab displays information about what the CAST Delivery Manager has identified in the source code package according to the configuration settings set in the **Package Configuration tab**:



The screenshot shows the CAST Delivery Manager tool interface. The window title is "Delivery for MEUDON - http://cemaes:8080/CAST-AICPortal". The menu bar includes Quit, Save, Undo, Redo, Help, Package..., Deliver..., and Refresh. The breadcrumb path is "MEUDON / V3 / J2EE_CASTPUBS".

Fields for package details:

- Package name: J2EE_CASTPUBS
- Content state: Not packaged
- Action required: (empty)
- Last extraction on: 04/12/13 16:23

Navigation tabs: Package configuration (selected), Package content

Information text: "This tab displays information about what the Source Package contains - as such, it is only populated with data once you have generated a Source Package."

Section: **Projects found**

Number of Added/Removed items is based on the cloned version of this package

Project summary by type

Project type	Technology	# Selected	# Ignored	# Added	# Removed
Eclipse Java project	Java EE	1	0	0	0
Web JSP	Java EE	0	1	0	0

List of projects for the selected type

T	Name	Path	Selected/Ignored	Compared with last version
	CastPubs	./project	Selected	Existing

Other sections (collapsed):

- ▶ Packaging alerts
- ▶ Files found
- ▶ Log summary

Check the following:

- That at least one **Project** has been identified and selected in the **Projects found** section - projects that are marked with **Selected** will be automatically transformed into Analysis Units when the Version is accepted (see [2.1. Set-up the analysis](#)) in the CAST Management Studio.
- That there are no **Packaging Alerts** - if there are any (these indicate whether projects or files that are referenced in the target source code can be resolved), then you need to check that these will not stop the analysis from proceeding correctly and that all the necessary code is present. If required, you may need to package additional code so that the alerts are resolved.
- The **Files found** (only when working with file based source code (as oppose to a database or schema) - ensure that the file extensions listed and the number of files are as expected.
- The potential errors or warnings in the **Log Summary** section

Define exclusions if necessary

Please see the following child pages for more information:

- [How do I exclude projects that do not need to be analyzed](#)
- [How do I exclude specific files or folders from the source code delivery package](#)

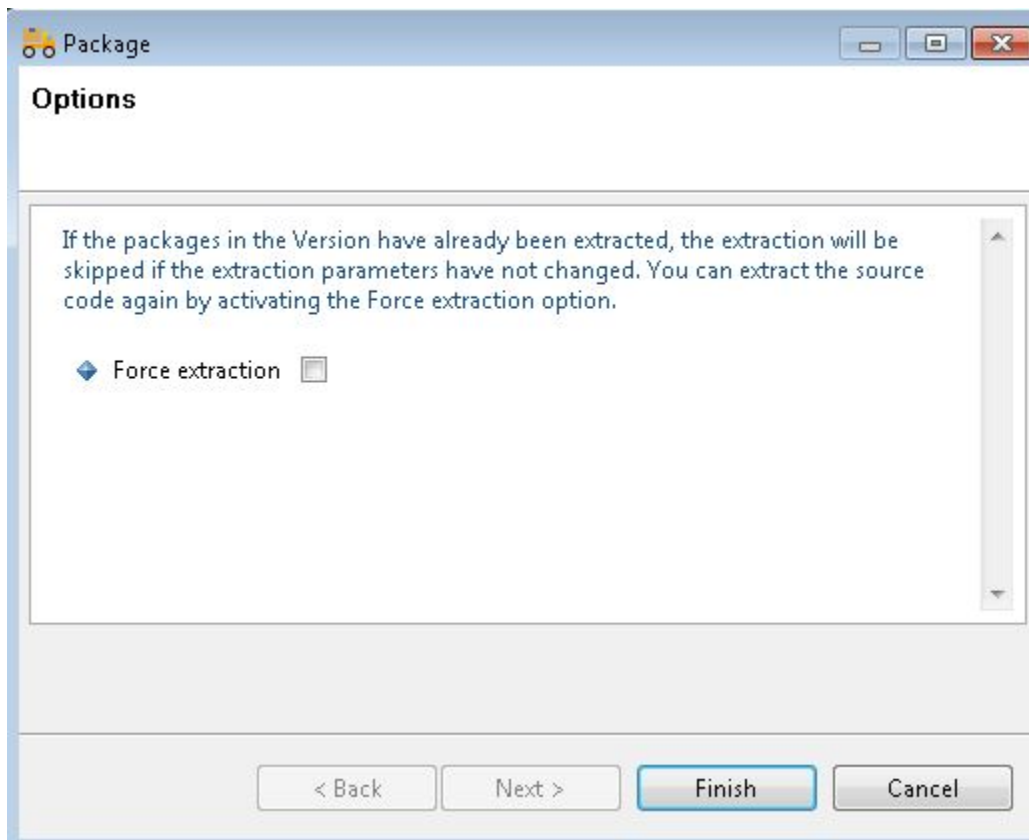
Handle any DMT delivery alerts

Please see the following child pages for more information:

- [How do I handle DMT delivery alerts](#)
- [How do I handle .NET-specific delivery alerts](#)
- [How do I handle J2EE-specific DMT delivery alerts](#)

Re-run the Package action

To ensure that the exclusions/alerts remediations you have defined are taken into account, you need to **re-run the packaging action** at Version level (i.e. all packages are re-packaged):



Finally check the **Package Content tab** to ensure that the projects you have excluded are marked as ignored:

This tab displays information about what the Source Package contains - as such, it is only populated with data once you have generated a Source Package.

▼ Projects found

Number of Added/Removed items is based on the cloned version of this package

◆ Project summary by type

Project type	Technology	# Selected	# Ignored	# Added	# Removed
Eclipse Java project	Java EE	0	1	0	0