


How do I add a source code package to my delivery

Application source code can be of different types and can be stored in different locations. Generally a Version may consist of one or more Source Code Packages - in general one per storage location, source code type (e.g. source code files, database extracts, etc.). Various and different kinds of packages can be created - please see the CAST Management Studio help for more information.

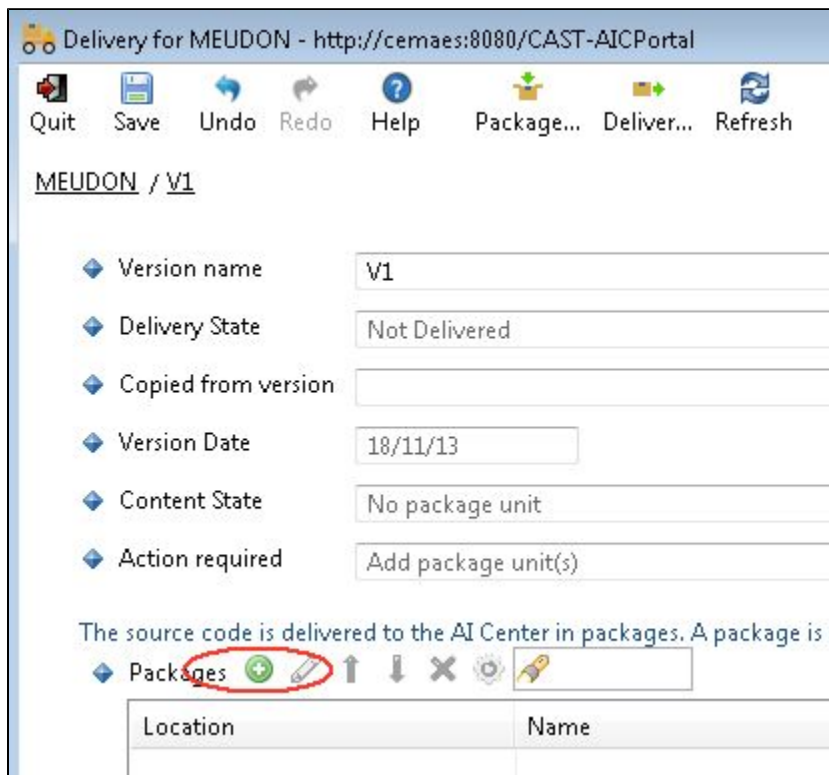
Add source code

For sake of an example we are going to package the file based source code that forms the "client side" part of our Application "MEUDON" - this source code is Eclipse based J2EE and is stored in a Subversion repository.

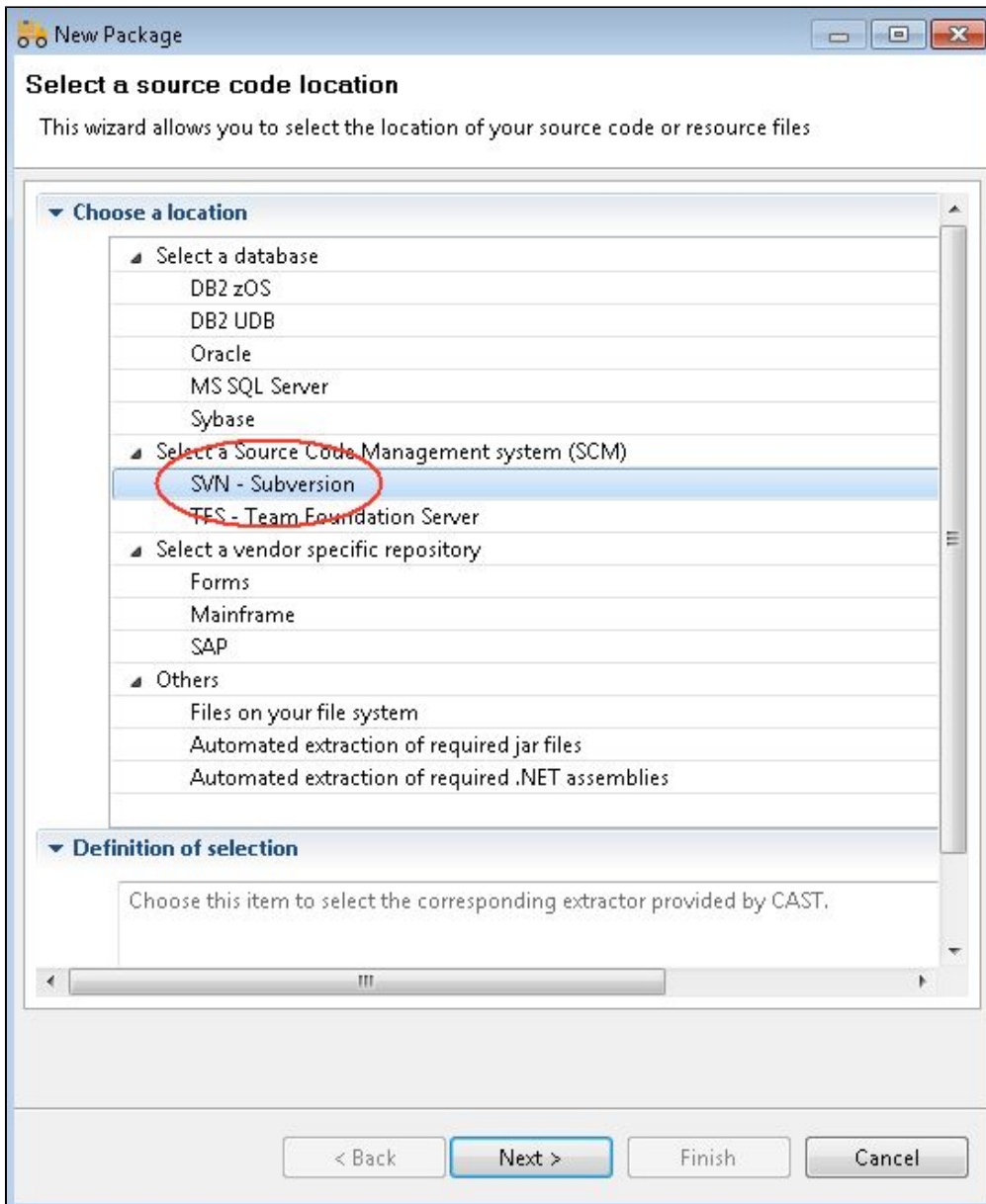
 For additional information on how to add a package of different type please visit: [AIC Learning Center page](#) and select the "Making a Delivery" tab.

Create and configure the package

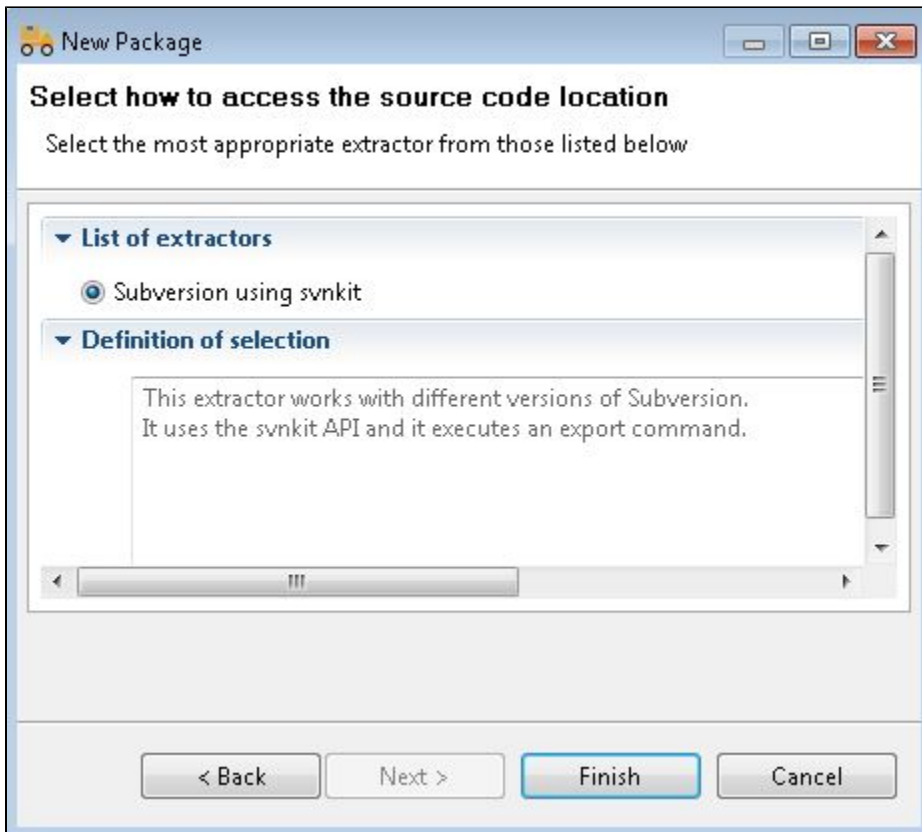
- In the CAST Delivery Manager Tool, in the **Version page**, click the **Add** button as shown below:



- The **Add Package wizard** will then be displayed:



- As explained earlier, in this example we are going to package Eclipse based J2EE source code stored in a Subversion (SVN) repository. The first screen in the wizard will ask you where your source code is located - in this example we have selected **SVN - Subversion** as shown above.
- Click **Next** to continue.



- In this screen we are presented with one Extractor option **Subversion using svnkit** - choose this option
- Click **Finish** to complete the wizard.
- The **Package Configuration tab** will then be displayed, enabling you to configure what source code you will include:

Home / MEUDON / V1 / My Package

- ◆ Package name My Package
- ◆ Current state Not generated
- ◆ Action required Generate package
- ◆ Last extraction on

- Package configuration
- Package content

This tab allows you to define what source code will be extracted and therefore included in require you to generate the package again.

▼ Where is your source code?

Choose the type of SCM or File system you want to target in the drop down list. Depending on the type you choose, you may need to change some of the options below.

- ◆ SCM or File system targeted Subversion using svnkit

File extraction for Subversion

URL format is either https://... or svn://...

- ◆ Repository URL

Set a revision number or HEAD as the most recent revision

- ◆ Revision HEAD

Do not configure credentials if single sign on is enabled

- ◆ Credentials

- ◆ User name

- ◆ Password

Save password in package settings

- ◆ Remember password

▶ Optional filters to apply

▶ Which project should we take into account for the analysis?

▶ Any change to apply once the code is extracted?

- Start by giving the source code package a **name**:

Home / MEUDON / V1 / ECLIPSE J2EE

- ◆ Package name **ECLIPSE_J2EE**
- ◆ Current state Not generated
- ◆ Action required Generate package
- ◆ Last extraction on

- Next fill in the **connection details** and **source location** (HEAD etc.) for your SVN server - these should be self explanatory. Please also see the CAST Delivery Manager Tool **help file** for more information about the fields shown below.

◆ Package name	ECLIPSE_J2EE
◆ Current state	Not generated
◆ Action required	Generate package
◆ Last extraction on	

● Package configuration ○ Package content

This tab allows you to define what source code will be extracted and therefore included in the Source Pack. You will need to generate the package again.

▼ Where is your source code?

Choose the type of SCM or File system you want to target in the drop down list. Depending on the choice you will need to change the configuration below.

◆ SCM or File system targeted Subversion using svnkit

File extraction for Subversion

URL format is either https://... or svn://...

◆ Repository URL svn://gargantua/DEV/trunk/CAIP/JAVA/Applications/PMC/CAST-PMC

Set a revision number or HEAD as the most recent revision

◆ Revision HEAD

Do not configure credentials if single sign on is enabled

◆ Credentials

◆ User name JHU

◆ Password

Save password in package settings

◆ Remember password Local

▶ Optional filters to apply

▶ Which project should we take into account for the analysis?

▶ Any change to apply once the code is extracted?

- There are other options you can configure - for example to target only specific project types, however, for this example, the source code is only one specific technology, so we do not need to filter specific target projects:

▼ **Type of projects to include in the package**

◆ Project types

- Visual Basic.NET project
- Visual C# project
- ASP.Net Web Site
- Visual Basic 6 project
- ASP
- Maven Java project
- Eclipse Java project
- Web JSP
- Mainframe project
- SAP project
- Eclipse no nature project
- Visual C++ 2002-2008 project
- Visual C++ 2010-2012 project

▼ **Projects to exclude**

◆ Exclusion rules

- Exclude all empty projects
- Exclude basic .Net web projects when a full .Net project also exists
- Exclude basic JSP projects when a full JEE project also exists for the same web.xml file
- Exclude Eclipse Java projects when a Maven project also exists
- Exclude Maven Java projects when an Eclipse project also exists