

# SVN - Subversion

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## Target audience:

CAST Administrators



**Summary:** Information about extracting source code from an **SVN - Subversion** repository using the CAST Delivery Manager Tool.



Note that the **SVN - Subversion** configuration in the CAST Delivery Manager Tool **is not currently provided as an extension** (such as for **CVS** and **Git**), instead it is provided "out-of-the-box" in CAST AIP/CAST Delivery Manager Tool.

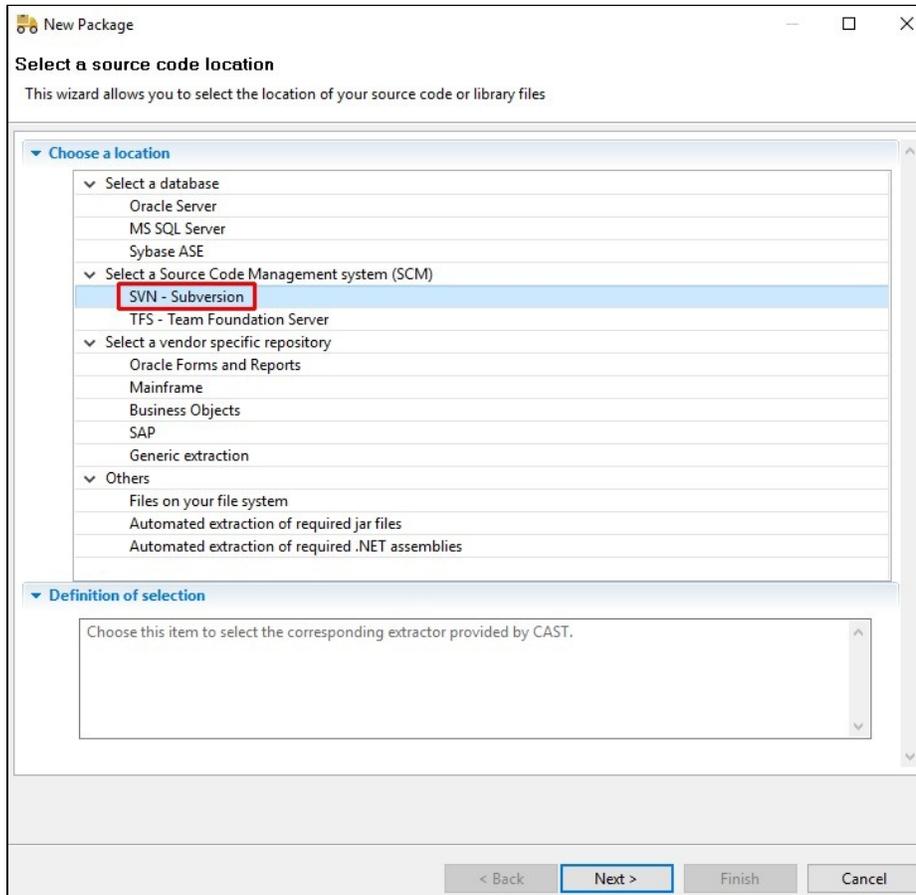
## Description

This configuration provides the means to extract source code from a **Subversion (SVN)** repository. In other words, file based source code that does not reside in a simple local or network folder.

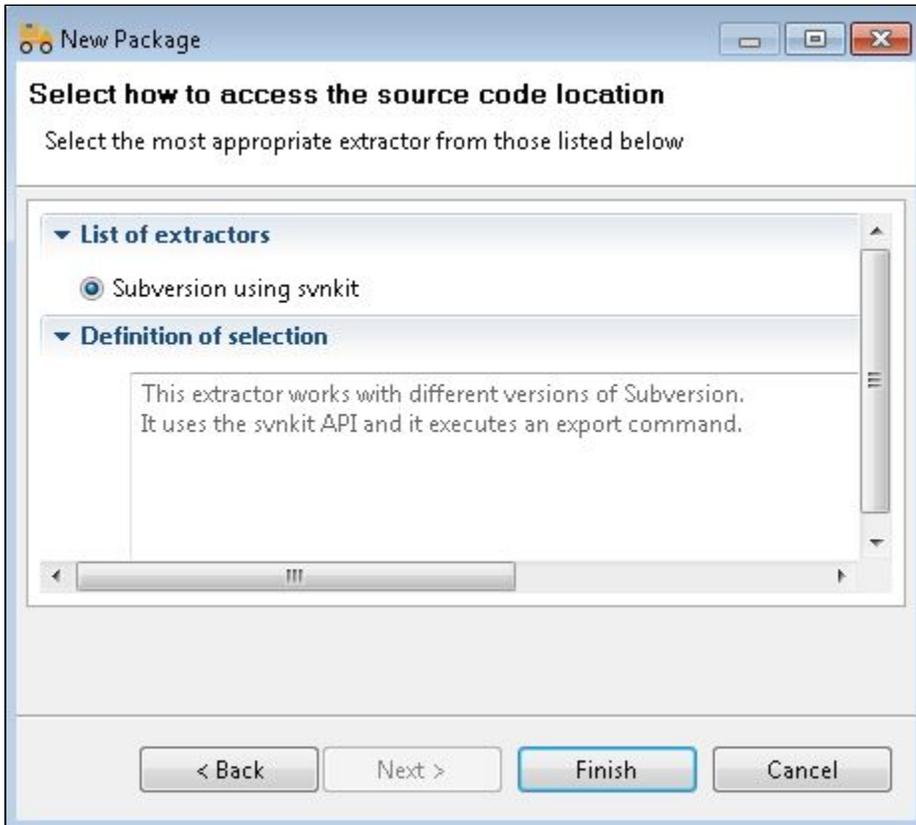
## Interface

When **adding a new source code package**, choose the **SVN - Subversion** option and click **Next** to continue:

*Click to enlarge*



When selected, the above item provides the following screen with the **Subversion using svnkit** option already selected:



The **Package Configuration** tab will then be displayed, enabling you to configure access to the source code:

*Click to enlarge*

Package configuration | Package content | Package alerts

This tab allows you to define what source code will be extracted and therefore included in the Source Code Analysis.

**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

◆ SCM or File system targeted Subversion using svnkit

File extraction for Subversion

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

◆ Repository URL svn://server/DEV/trunk/eclipse\_jeel **1**

Set a revision number or HEAD as the most recent revision

◆ Revision HEAD **2**

Do not configure credentials if single sign on is enabled

◆ Credentials  **3**

◆ User name JHU

◆ Password .....

Save password in package settings

◆ Remember password Server

▶ Advanced extraction settings

▶ Is the source code deployed in a specific folder in the development environment?

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

Option	Explanation						
1	Enter the direct URL for your SVN repository in the form <b>svn://</b>						
2	Choose the revision you would like to extract. By default the <b>HEAD</b> revision is chosen.						
3	<p>Tick the <b>Credentials</b> option if the TFS repository requires authenticated access. Do not enable this option if a single sign on system is in operation in your environment.</p> <table border="1"> <tr> <td><b>User name</b></td> <td>Used to configure the User name for the target SVN repository for extraction purposes.</td> </tr> <tr> <td><b>Password</b></td> <td>Used to configure the password (in encrypted format) that corresponds to your User name configured above.</td> </tr> <tr> <td><b>Remember password</b></td> <td> <p>This option enables you to force the CAST Delivery Manager Tool to save the SVN repository access credentials you have entered above. Choosing an option or not has no impact on the analysis (i.e. the analyzer can still run an analysis). However, if you are creating subsequent Versions using the same SVN repository, you can choose to store the password in which case you will not need to re-enter it.</p> <p>There are two save options:</p> <ul style="list-style-type: none"> <li>• <b>Local</b> &gt; The credentials are saved in the user's local workspace on the current machine. Choose this option if you do not want the password to be available to other Delivery Managers.</li> <li>• <b>Server</b> &gt; The credentials are saved locally (as above) and are also synchronized back to the CAST AIC Portal (i.e. the Source Code Delivery Folder). Choose this option if you want the password to be available to other Delivery Managers.</li> </ul> </td> </tr> </table>	<b>User name</b>	Used to configure the User name for the target SVN repository for extraction purposes.	<b>Password</b>	Used to configure the password (in encrypted format) that corresponds to your User name configured above.	<b>Remember password</b>	<p>This option enables you to force the CAST Delivery Manager Tool to save the SVN repository access credentials you have entered above. Choosing an option or not has no impact on the analysis (i.e. the analyzer can still run an analysis). However, if you are creating subsequent Versions using the same SVN repository, you can choose to store the password in which case you will not need to re-enter it.</p> <p>There are two save options:</p> <ul style="list-style-type: none"> <li>• <b>Local</b> &gt; The credentials are saved in the user's local workspace on the current machine. Choose this option if you do not want the password to be available to other Delivery Managers.</li> <li>• <b>Server</b> &gt; The credentials are saved locally (as above) and are also synchronized back to the CAST AIC Portal (i.e. the Source Code Delivery Folder). Choose this option if you want the password to be available to other Delivery Managers.</li> </ul>
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