

AIPIMG Add code for rescan step 1

Click to enlarge

Add Source code Exclusion Rules Objectives

NO FILE OR FOLDER SELECTED

Drag and drop or click to upload a *.zip, *.tar.gz file or select a folder

Version Name*
Version-2021-01-27T16-28-28

Version Date*
2021-01-27 16:28

Backup application Publish to CAST Imaging

Same configuration as previous version

Previous version
Version-2021-01-27

Enable automatic discovery

Run Analysis

CANCEL NEXT > FINISH

To deliver source code:

- Drag and drop **one .zip or .tar.gz file** containing your source code - or click the **upload cloud icon** to add a file using a traditional "open file" method.
- If you have configured a **source code folder** (see [Administration Center - Settings - Source Folder Location](#)) you can click the **yellow folder** to add code directly from this folder - only one folder in the designated path can be selected:

/ SAVE X

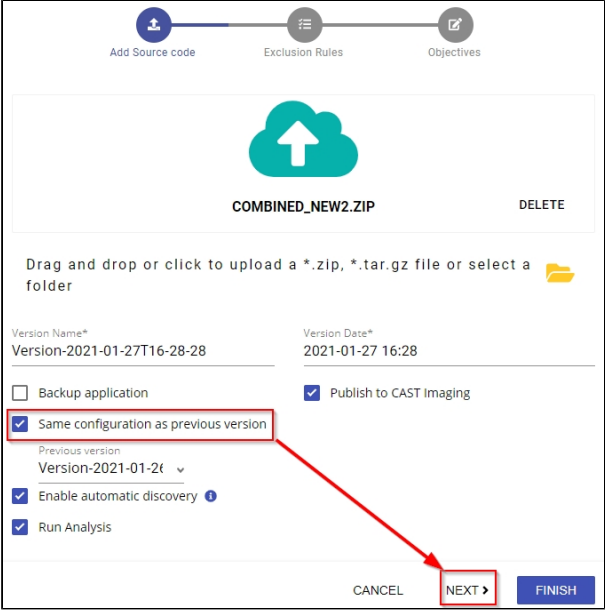
 code

i If you want to deliver source code containing:

- **.NET source code:** you should ensure that you define the location of the **.NET Assemblies** which is required for a successful analysis. See [Configuring source code delivery for .NET for CAST Imaging](#).
- **Maven** based source code: you should ensure that you define the location of the **Maven repositories** so that any associated JAR files can be automatically discovered and that POM dependencies can also be located - which is required for a successful analysis. See [Configuring source code delivery for Maven for CAST Imaging](#).

In a **rescan scenario**, CAST highly recommends setting the following options as follows:

Option	Option position	Description
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<p>Backup Application</p>	<p>ENABLED or DISABLED</p>	<p>Unticked by default. Selecting the option will cause the Application to be backed up as part of the actions you choose. This may cause some additional processing time while the backup completes. Backups are stored in the following location on the relevant AIP Node and can be managed in Administration Center - Applications - Application Details:</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <pre>%PROGRAMDATA%\CAST\AipConsole\AipNode\backup\<application_name>\yyyymmddhhmm.zip< pre=""> </application_name>\yyyymmddhhmm.zip<></pre></div>
<p>Same configuration as previous version</p>	<p>ENABLED</p>	<p>This will ensure that your configuration (Modules, Exclusion Rules and Objectives) are identical to the settings used in the previous version, therefore retaining result continuity, although you are free to make changes to Exclusion Rules and Optimizations if you require by clicking the Next button as highlighted below - note that changing other settings in the wizard may impact the stability of your results. In addition, the option Enable Automatic discovery (see below) will be available (and will be enabled).</p> <p><i>Click to enlarge</i></p> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;">  <p>The screenshot shows a wizard interface with three steps: 'Add Source code', 'Exclusion Rules', and 'Objectives'. The current step is 'Exclusion Rules'. A file named 'COMBINED_NEW2.ZIP' is shown with a 'DELETE' button. Below this, there are fields for 'Version Name*' (Version-2021-01-27T16-28-28) and 'Version Date*' (2021-01-27 16:28). There are several checkboxes: 'Backup application' (unchecked), 'Publish to CAST Imaging' (checked), 'Same configuration as previous version' (checked and highlighted with a red box), 'Enable automatic discovery' (checked), and 'Run Analysis' (checked). At the bottom, there are 'CANCEL', 'NEXT >' (highlighted with a red box and arrow), and 'FINISH' buttons.</p> </div> <p>When disabled, AIP Console will create a version ignoring any previous Version settings and options - i.e. as if it was a brand new Version.</p>
<p>Enable Automatic discovery</p>	<p>ENABLED</p>	<div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <p>i Only available when adding a new version when a version already exists and when the option Same configuration as previous version (see above) is enabled.</p> <ul style="list-style-type: none"> When enabled (default position), AIP Console will perform the "code discovery" step and as a consequence, for any new source code added in the new version, new extensions may be downloaded i.e. discovered and force_install extensions (unless a specific Extension Strategy is in place), new packages may be detected and new Analysis Units may be created. Note that new releases of extensions that were used in the previous version will NOT be automatically downloaded, installed and used. When disabled, AIP Console will not perform the "code discovery" step and as a consequence this ensures that the configuration of the new version is identical to the configuration used in the previous version even if new source code has been added in the new version. No new extensions will be downloaded and installed and no existing extensions will be updated. </div>

<p>Run Analysis</p>	<p>ENABLED or DISABLED</p>	<p>Choose whether you want to run an analysis immediately after the source code is delivered. Technically the Run analysis option also includes an internal step called "Prepare analysis data" step, which allows:</p> <ul style="list-style-type: none"> • Source code to be viewed when validating Dynamic Links • Architecture Models results to be checked before running an analysis <p>Standard rescan for CAST Imaging</p> <p>For a Standard onboarding scenario, you should enable this option. Enabling this option includes the following steps that would otherwise need to be manually actioned:</p> <ul style="list-style-type: none"> • Validate the Version - i.e. the delivered source code • Accept the Version • Set as current version - i.e. the version to be analyzed <p>Enabling the option will also automatically expose the following options:</p> <div data-bbox="430 531 1390 991" style="border: 1px solid black; padding: 5px;"> <p>Version Name* Version-2021-01-27T16-28-28</p> <p>Version Date* 2021-01-27 16:28</p> <p><input type="checkbox"/> Backup application</p> <p><input checked="" type="checkbox"/> Same configuration as previous version</p> <p>Previous version Version-2021-01-26</p> <p><input checked="" type="checkbox"/> Enable automatic discovery ⓘ</p> <p><input checked="" type="checkbox"/> Run Analysis</p> <p style="text-align: right;">CANCEL NEXT ▶ FINISH</p> </div> <p>Advanced rescan for CAST Imaging</p> <p>For an Advanced rescan scenario, you should disable this option. This will allow you to work through the process of validating/accepting the version, running an analysis and publishing to CAST Imaging as separate steps.</p>
<p>Publish to CAST Imaging</p>	<p>ENABLED or DISABLED</p>	<div data-bbox="430 1136 1484 1314" style="border: 1px solid gray; padding: 10px;"> <p>ⓘ</p> <ul style="list-style-type: none"> • If you do not see this option, you must enable the Run analysis option. • If this option is visible, but is unavailable for selection, this means that a corresponding CAST Imaging instance has not been configured. See Administration Center - Settings - Imaging Settings for more information. </div> <p>Choose whether you want to publish the data in your CAST Imaging instance immediately after the source code is delivered. This option is enabled by default:</p> <p>Standard rescan for CAST Imaging</p> <p>For a Standard rescan scenario, you should enable this option.</p> <p>Advanced rescan for CAST Imaging</p> <p>For an Advanced rescan scenario, you should disable this option. This will allow you to work through the process of validating/accepting the version, running an analysis and publishing to CAST Imaging as separate steps.</p>