

AIPIMG Add code step 1

Add code

Click to enlarge

Add Source code Exclusion Rules Objectives

COMBINED_NEW.ZIP DELETE

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

Version Name*
Version-2021-07-14T13-57-10

Version Date*
2021-07-14 13:57

Backup application Publish to CAST Imaging

Same configuration as previous version

Enable automatic discovery ⓘ

Run Analysis

Add modules

Per technology ▾

CANCEL NEXT > PROCEED

To add 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:



 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](#).

When you have made your option choices (see [below](#)), click either:

- **PROCEED**, any subsequent steps will be **skipped** and:
 - if the **Run Analysis** option is **disabled**, the **version will be added** and will appear in the [Application - Versions](#) screen.
 - if the **Run Analysis** and the **Publish to CAST Imaging** options are **enabled**, the **analysis/publishing** will be **actioned immediately**.
- **NEXT**, see [Manage Exclusions](#).

Options available

Option	Description
Version Name	Enter a name for the Version. Default name will be set to: Version-YYYY-MM-DDTHH-MM-SS .
Version Date	Enter a date for the Version. Default date will be set to YYYY-MM-DD HH:MM .
Backup application	Unticked by default. Selecting the option will cause the Application to be backed up as part of the actions you choose. When adding a necessary since there is nothing to back up. When the option is enabled, some additional processing time is required while the backup relevant AIP Node and can be managed in Administration Center - Applications - Application Details : <pre>%PROGRAMDATA%\AipConsole\AipNode\backup\<application_name>\YYYYMMDDHHMM.zip</application_name></pre>
Same configuration as previous version	 Only available when adding a new version when a version already exists - i.e. a "rescan" scenario. See Application rescan
Enable Automatic discovery	 Only available when adding a new version when a version already exists and when the option Same configuration as previous version is selected. See Application rescan for CAST Imaging for more information.

Run analysis

Choose whether you want to **run an analysis immediately** after the source code is delivered. Technically the **Run analysis** option allows which allows:

- **Source code** to be viewed when **validating Dynamic Links**
- **Architecture Models** results to be checked before running an analysis

Standard onboarding for CAST Imaging

For a **Standard onboarding** scenario, you should **enable** this option. Enabling this option includes the following steps that would otherwise

- **Validate the Version** - i.e. the delivered source code
- **Accept the Version**
- **Set as current version** - i.e. the version to be analyzed

Enabling the option will also automatically expose the following options:

Version Name*	Version Date*
Version-2021-01-26T12-50-29	2021-01-26 12:50
<input type="checkbox"/> Backup application	<input checked="" type="checkbox"/> Publish to CAST Imaging
<input type="checkbox"/> Same configuration as previous version	
<input checked="" type="checkbox"/> Enable automatic discovery ⓘ	
<input checked="" type="checkbox"/> Run Analysis	
<input checked="" type="checkbox"/> Add modules	
Per technology ▾	

Advanced onboarding for CAST Imaging

For an **Advanced onboarding** scenario, you should **disable** this option. This will allow you to work through the process of validating/accepting CAST Imaging as **separate steps**.

Add modules

This option allows you to choose the **Module strategy** for your results. Modules are used as a means to configure analysis results into CAST Imaging has a dedicated **Modules view mode**. The content of a module is based on source code.

- ⓘ
- Disabling the **Run analysis** option will hide this option.
 - When you are delivering a **new Version** of your Application source code (i.e. a Version already exists), and you decide to choose a module strategy is **hidden**. In other words, the module strategy chosen in the previous version will be retained and you can change the selected Module strategy and create user define modules once an initial analysis has run: see [Applying](#)
 - You can change the selected Module strategy and create user define modules once an initial analysis has run: see [Applying](#)

CAST offers these options when creating a new version:

<input checked="" type="checkbox"/> Add modules
Per technology ▾
Per technology
Per analysis unit

Add modules

When selected, you have the choice to create **one Module per Technology** or **one Module per Analysis Unit (see Content module will be created containing all your Application source code.**

Version Name*
Version-2021-01-26T12-50-29

Backup application

Same configuration as previous version

Enable automatic discovery ⓘ

Run Analysis

Add modules

Per technology

If you select this option, **one Module is created per Technology** in your Application - these Modules are created as This option is the default, therefore unless you specifically choose a different strategy, this one will be used. This option - **Modules** to be set to **None (Manual Creation)**. For example:

Module definition

Auto Generate: None (Manual Creation) Ignore Empty Modules + ADD

Module name ↓	Generation Type	Description		
HTML5/Javascript	User defined	Technology module		
JEE	User defined	Technology module		
SQL	User defined	Technology module		

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Per analysis unit

If you select this option, **one Module is created per Analysis Unit** in your Application - these Modules are created as This option causes the **Auto generate** strategy in **Application - Config - Modules** to be set to **None (Manual Creat**

Module definition

Auto Generate: None (Manual Creation) Ignore Empty Modules + ADD

Module name ↓	Generation Type	Description		
AUTO-UA-SQL	User defined	Analysis unit module		
HTML5	User defined	Analysis unit module		
JSP	User defined	Analysis unit module		

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An Analysis Unit can best be described as a set of configuration settings that govern how a perimeter of source code created - as such they more often than not correspond to **Projects** discovered by AIP Console.

**Publish to
CAST
Imaging**



- 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 [Imaging Settings](#) for more information.

Choose whether you want to **publish the data in your CAST Imaging instance immediately** after the source code is delivered. This

Standard onboarding for CAST Imaging

For a **Standard onboarding** scenario, you should **enable** this option.

Advanced onboarding for CAST Imaging

For an **Advanced onboarding** scenario, you should **disable** this option. This will allow you to work through the process of validating/analyzing source code as **separate steps**.