

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

Same configuration as previous version

Enable automatic discovery

Run Analysis

Add modules
Per technology

Take a snapshot

Snapshot name*
Snapshot-2021-07-14T13

Snapshot Capture Date*
2021-07-14 13:57

Publish to Health Dashboard

Publish to CAST Imaging

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. **Please ensure that your source code archive does NOT contain any other archive files - this can cause the analysis process to fail.**
- 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



 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](#).
- **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](#).

When you have made your option choices, 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 **Take a snapshot** option is **enabled**, the **analysis/snapshot** 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</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 more information.

Run analysis

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

- **Source code** to be viewed when **validating Dynamic Links**
- **Architecture Models** results to be checked before generating a snapshot

Standard onboarding

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:

Take a snapshot
Snapshot name *
Snapshot-2021-01-11T13-54-52
Snapshot Capture Date*
2021-01-11 13:54
 Publish to Health Dashboard
 Publish to CAST Imaging

Advanced onboarding

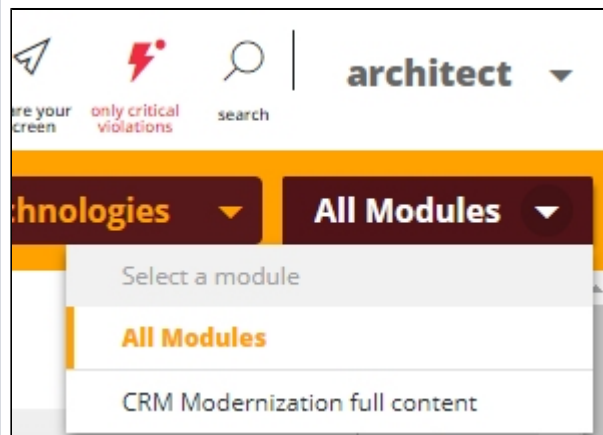
For an **Advanced onboarding** scenario, you should **disable** this option. This will allow you to work through the process of validating/accepting a snapshot as **separate steps**.

Add modules

This option allows you to choose the **Module strategy** for your results. Modules are used extensively in the **CAST dashboards** as a means for display purposes - indeed objects cannot be seen in the CAST dashboards if they are not part of a Module. The content of a module

- i**
- 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 [Apply](#)

Modules in the Engineering Dashboard:



CAST offers these options when creating a new version:

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.**

Backup application Take a snapshot

Same configuration as previous version

Enable automatic discovery ⓘ

Run Analysis

Add modules

Snapshot name *
Snapshot-2021-01-11T14-51-27

Snapshot Capture Date*
2021-01-11 14:51

Publish to Health Dashboard

Publish to CAST Imaging

Per technology If you select this option, **one Module is created per Technology** in your Application - these Modules are created as **Technology modules**. This option is the default, therefore unless you specifically choose a different strategy, this one will be used. This option causes the **Auto generate** strategy in **Application - Config - 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	<input checked="" type="checkbox"/>	<input type="checkbox"/>
JEE	User defined	Technology module	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SQL	User defined	Technology module	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Rows per page: 10 1 - 3 of 3

Per analysis unit If you select this option, **one Module is created per Analysis Unit** in your Application - these Modules are created as **Analysis unit modules**. This option causes the **Auto generate** strategy in **Application - Config - 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		
AUTO-UA-SQL	User defined	Analysis unit module	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HTML5	User defined	Analysis unit module	<input checked="" type="checkbox"/>	<input type="checkbox"/>
JSP	User defined	Analysis unit module	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Rows per page: 10 1 - 3 of 3

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.

Take a snapshot

 If you do not see this option, you must enable the **Run analysis** option.

Choose whether you want to **generate a snapshot immediately** after the source code is delivered:

Standard onboarding

For a **Standard onboarding** scenario, you should **enable** this option - you can also choose a custom name for your snapshot if you do

Take a snapshot
Snapshot name *
Snapshot-2021-01-11T13-54-52
Snapshot Capture Date*
2021-01-11 13:54


Choosing the option includes the following steps that would otherwise need to be manually actioned:

- **Validate the Version** - i.e. the delivered source code
- **Accept the Version**
- **Set as current version** - i.e. the version to be analyzed
- **Run an analysis** - source code analysis results are stored in the Analysis schema
- **Take a snapshot** - metrics and structural rule data is consolidated in the Dashboard schema - results can be viewed in an **Engine**
- Optionally **Publish to Health Dashboard** - results can be viewed in a **Health Dashboard** instance
- Optionally **Publish to CAST Imaging** - results can be viewed in a **CAST Imaging** instance

Advanced onboarding

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

Publish to Health Dashboard

 If you do not see this option, you must enable the **Run analysis** option.

Choose whether you want to **publish the snapshot in the Health Dashboard immediately** after the source code is delivered. This option


Standard onboarding

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

Advanced onboarding

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

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

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

Standard onboarding

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

Advanced onboarding

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