Add code step 1

Add code

Click to enlarge

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**.
- **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 **Co nfiguring 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**: `%PROGRAMDATA%\AipConsole\AipNode\backup\<application_name>\YYYYMMDDHHMM.zip`
Same configuration as previous version	ⓘ Only available when **adding a new version when a version already exists** - i.e. a "rescan" scenario. See **Application resca**
Enable Automatic discovery	ⓘ Only available when **adding a new version when a version already exists** and when the option **Same configuration as pre** scenario. See **Application rescan** for more information.

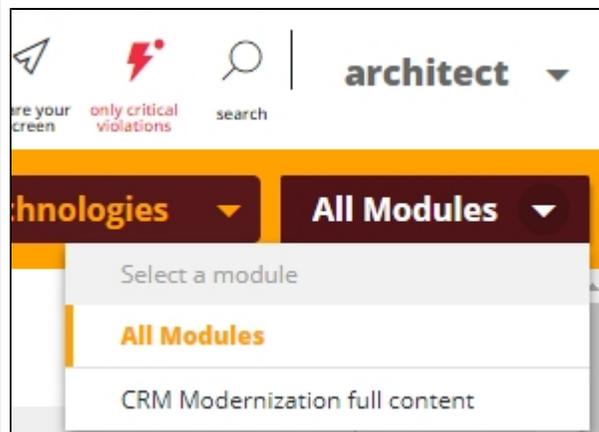|	
Run analysis	Choose whether you want to **run an analysis immediately** after the source code is delivered. Technically the **Run analysis** option als which allows: • **Source code** to be viewed when **validating Dynamic Links** • **Architecture Models** results to be checked before generating a snapshot **Standard onboarding** For a **Standard onboarding** scenario, you should **enable** this option. Enabling this option includes the following steps that would other • **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: **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**.
Add modules	This option allows you to choose the **Module strategy** for your results. Modules are used extensively in the **CAST dashboards** as a m 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 ⓘ • 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 a • You can change the selected Module strategy and create user define modules once an initial analysis has run: see **Appli** Modules in the Engineering Dashboard: CAST offers these options when creating a new version:

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.
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 opti **- Modules** to be set to **None (Manual Creation)**. For example:
Per analysis unit	If you select this option, **one Module is created per Analysis Unit** in your Application - these Modules are created a This option causes the **Auto generate** strategy in **Application - Config - Modules** to be set to **None (Manual Creat** 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
	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/ac 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 op
	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/ac 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 be **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/ac snapshot as **separate steps**.