TypeScript and Angular - Packaging, delivering and analyzing your source code

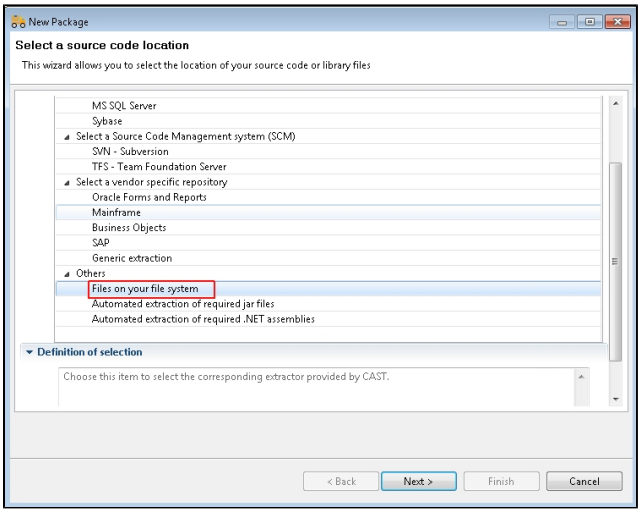
Packaging and delivery

Note that the **TypeScript and Angular** extension does not contain any CAST Delivery Manager Tool **discoverers or extractors**, therefore, no "**TypeScript and Angular**" projects will be detected by the CAST Delivery Manager Tool. You therefore have two choices:

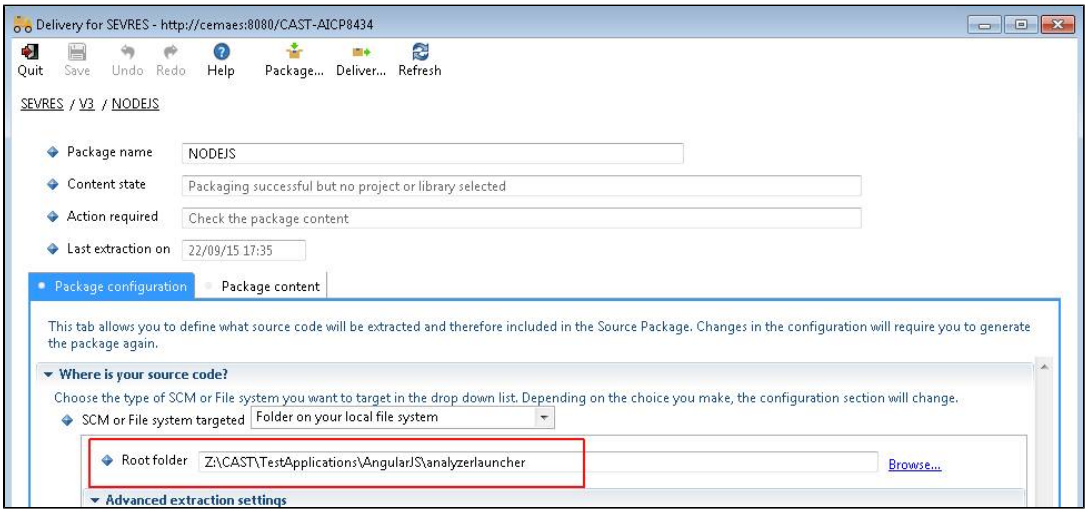
- manually create an Analysis Unit in the CAST Management Studio.
- or download and install the Web Files Discoverer to automatically detect projects in the CAST Delivery Manager and therefore Analysis Units in the CAST Management Studio.

Using the CAST Delivery Manager Tool:

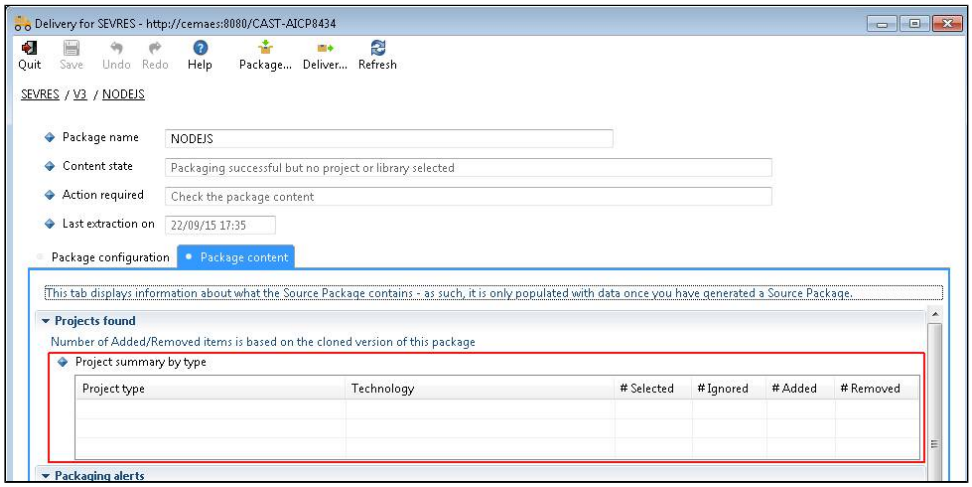
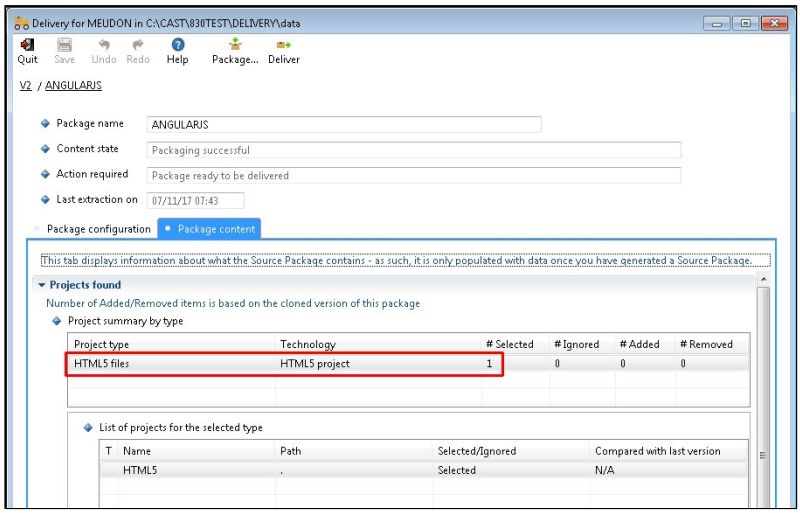
- create a new **Version**
- create a new **Package** for your **TypeScript and Angular** source code using the **Files on your file system** option:



- Define the **root folder** of your Application source code:



- Run the **Package action**
- Before delivering the source code, check the **packaging results**:

Without the Web Files Discover	If you are not using the Web Files Discoverer, the following will occur: • the CAST Delivery Manager Tool will **not** find any "projects" related to the **TypeScript and Angular** application source code - this is the **expected behaviour**. However, if your **TypeScript and Angular** related source code is part of a larger application (for example a JEE application), then other projects may be found during the package action (click to enlarge): 
With the Web Files Discoverer	If you are using the Web Files Discoverer, the following will occur: • the CAST Delivery Manager Tool will **automatically detect "HTML5 file projects"** (see Web Files Discoverer for more technical information about how the discoverer works) related to the **TypeScript and Angular** application source code. In addition, if your **TypeScript and Angular** related source code is part of a larger application (for example a JEE application), then other projects may also be found during the package action (click to enlarge): 

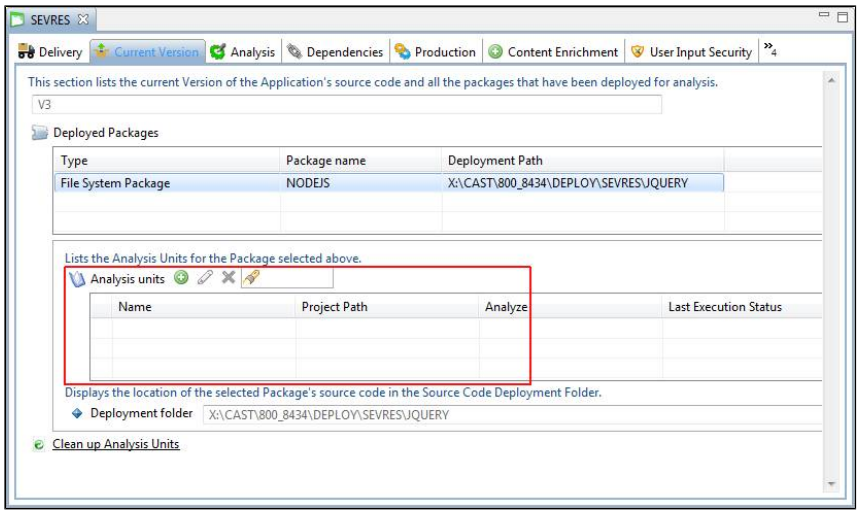
- Deliver the **Version**

Analyzing

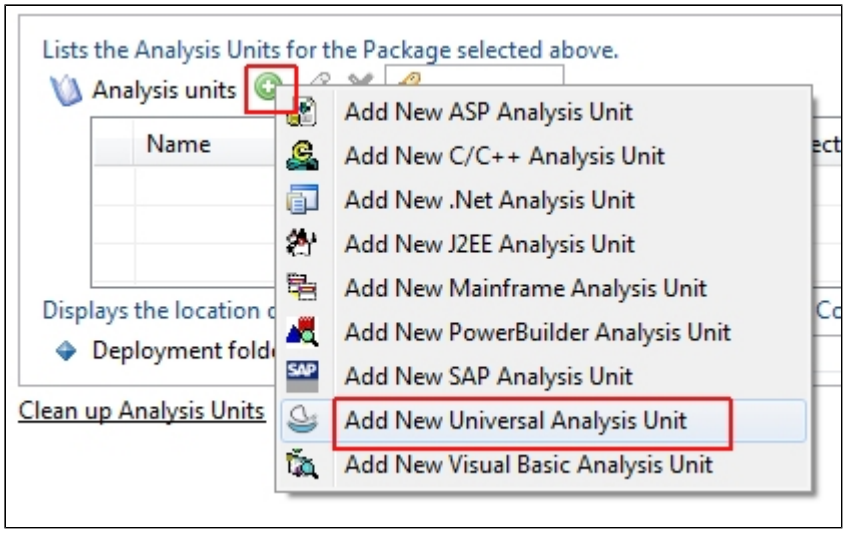
Using the CAST Management Studio:

- Accept and deploy the **Version** in the CAST Management Studio.

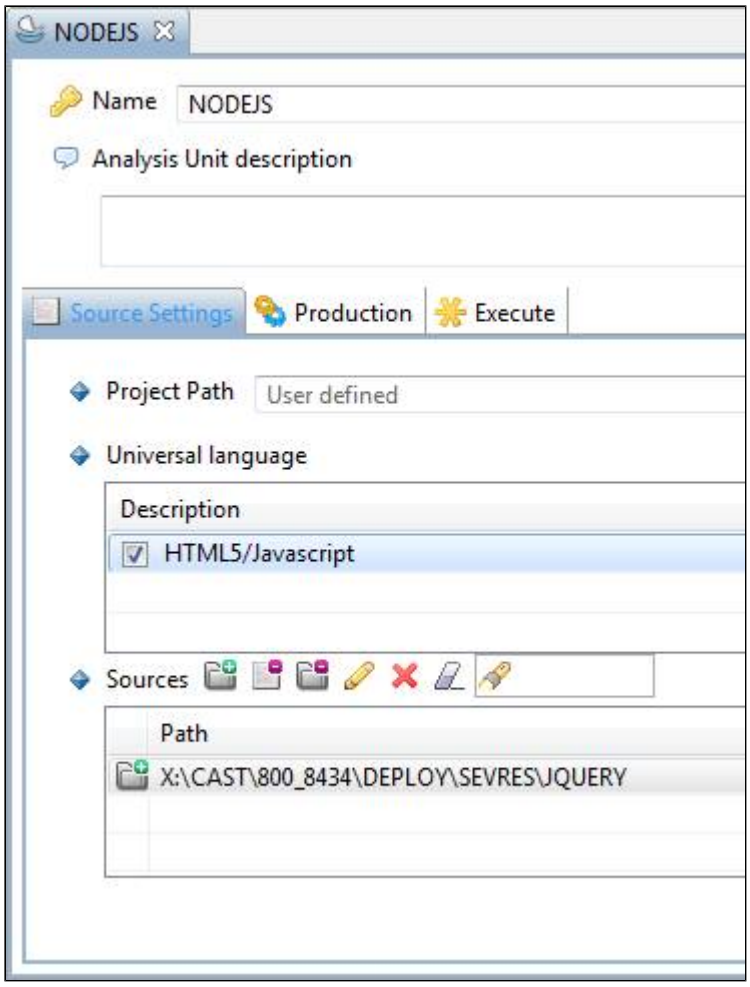
Without the Web Files Discover	If you are not using the Web Files Discoverer, the following will occur: • No **Analysis Units** will be created automatically relating to the **TypeScript and Angular** source code - this is the **expected behaviour**. However, if your **TypeScript and Angular** related source code is part of a larger application (for example a JEE application), then other Analysis Units may be created automatically:



- In the **Current Version tab**, add a new Analysis Unit specifically for your **TypeScript and Angular** source code, selecting the **Add new Universal Analysis Unit** option:



- Edit the new Analysis Unit and configure in the **Source Settings tab**:
  - a **name** for the Analysis Unit
  - ensure you tick the **HTML5/JavaScript** option (the **TypeScript and Angular** extension depends on the HTML5 and JavaScript extension - and therefore the Universal Analyzer language for the AngularJS extension is set as **HTML5 /JavaScript**)
  - define the **location** of the deployed **TypeScript and Angular** source code (the CAST Management Studio will locate this automatically in the **Deployment** folder):

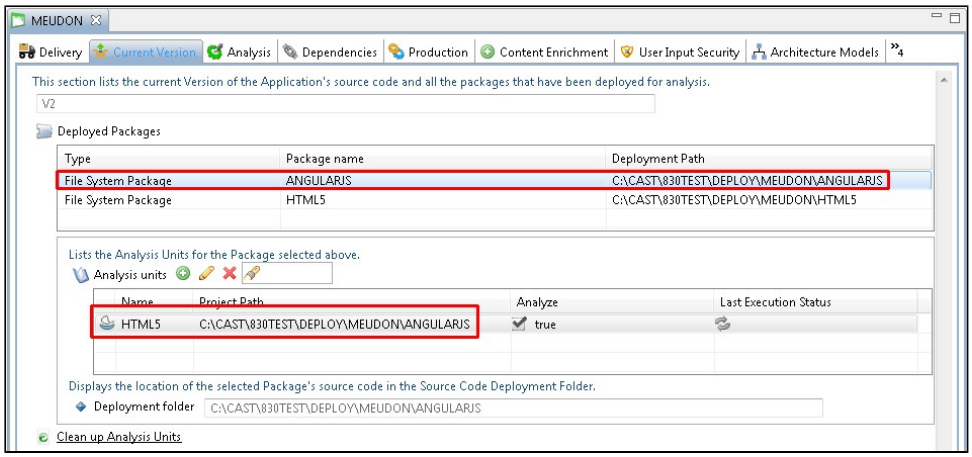


- Run a **test analysis** on the Analysis Unit before you generate a **new snapshot**.

With the Web Files Discoverer

If you are using the Web Files Discoverer, the following will occur:

- "HTML5" Analysis Units will be created **automatically** (see Web Files Discoverer for more technical information about how the discoverer works) related to the **TypeScript and Angular** application source code. In addition, if your **TypeScript and Angular** related source code is part of a larger application (for example a JEE application), then other Analysis Units may also be created:



- There is nothing further to do, you can now run a **test analysis** on the Analysis Unit before you generate a new snapshot.