

# Update CAST Extend Offline with new content

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**Summary:** step-by-step instructions for updating **CAST Extend Offline with new content**.

## Introduction

CAST Extend Offline (in v. 1.1.0) is delivered "empty" without any preconfigured extensions - you will therefore need to populate Extend Offline with extensions before you can use it. In addition, you may want to update CAST Extend Offline to add new extensions or to include more recent releases of extensions that are already available in Extend Offline.

The **process of updating** is as follows:

- Create a new **bundle** containing the extensions you require:
  - either in <https://extend.castsoftware.com>
  - or using [ExtendCli](#)
- Upload the bundle to update CAST Extend Offline:
  - using [AIP Console 1.12.0](#)
  - using the [CAST Extend Offline API](#) and [curl](#)

When CAST Extend Offline is updated with a new bundle of extensions and extensions have already been added, a "**merge**" is actioned, rather than a "delete and add". This means that no extensions are ever removed, i.e.:

- Any extensions that already exist in CAST Extend Offline but do not exist in the new bundle will remain as they are in CAST Extend Offline
- Any extensions that already exist in CAST Extend Offline at a given version number will remain as they are in CAST Extend Offline when:
  - an older version of the same extension is added to the bundle (both versions will be available for use)
  - a newer version of the same extension is added to the bundle (both versions will be available for use)
  - an older and a newer version of the same extension are added to the bundle (all three versions will be available for use)
  - the same version of the extension is added to the bundle

## What happens when CAST Extend Offline does not contain an extension required for analysis?

The analysis will fail during the "Content discovery" step with the following error:

```
Discovered technologies : INI, XML, JSP, HTML, JEE, Python
Enabling shipped, discovered and previously installed extensions
Some extensions needed for analysis but not present in your extensions server, please contact CAST admin
List of extensions not present:
com.castsoftware.python
```

## Update process

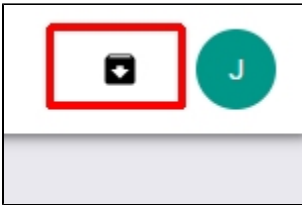
### Creating the bundle

#### Using ExtendCLI

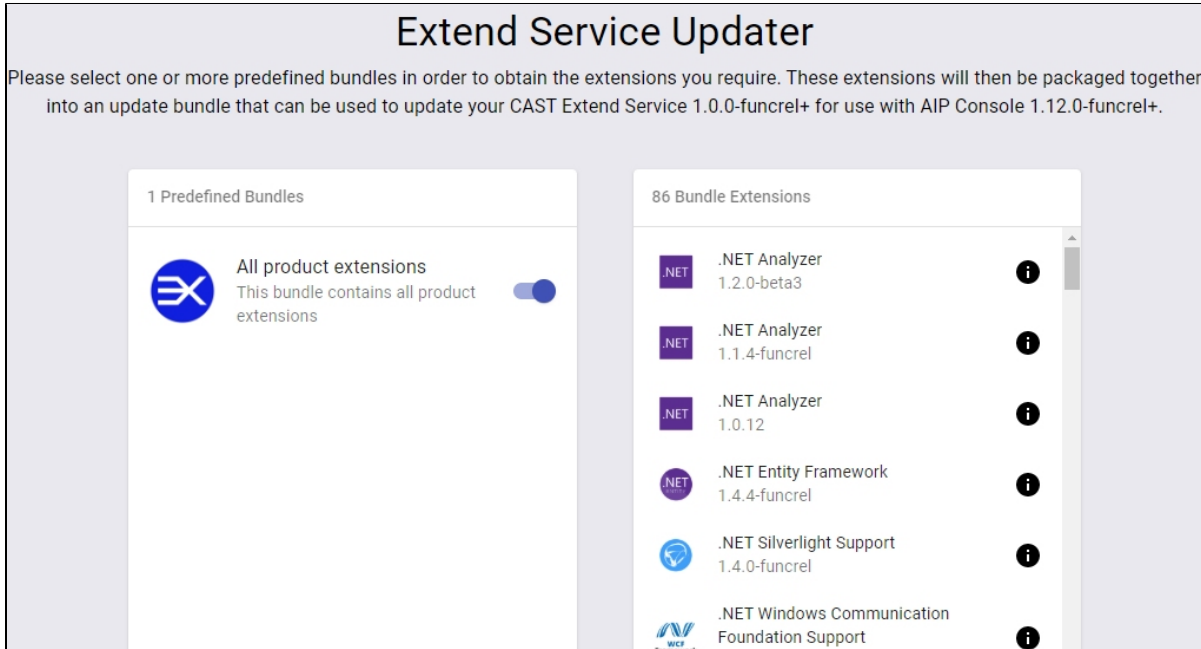
See [ExtendCli](#) for more information.

#### Using [extend.castsoftware.com](https://extend.castsoftware.com)

Login to <https://extend.castsoftware.com> and click the **Create Bundle** located in the top right corner next to the profile icon:



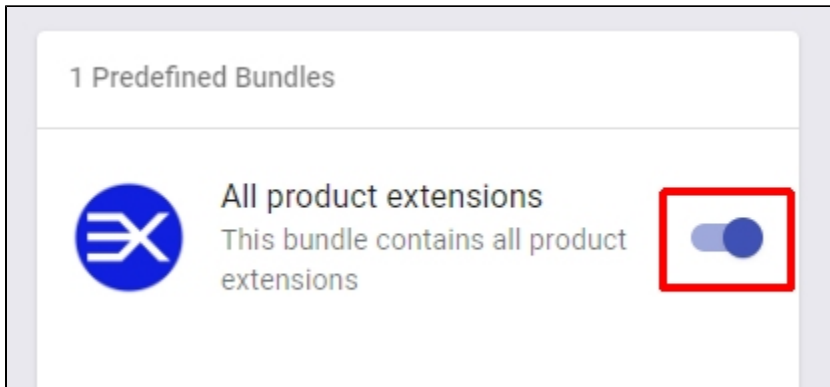
The following screen will be displayed:



This screen shows:


- **on the left:** a list of predefined "bundles" that are available for use
- **on the right:** a list of the extensions (and version number) included in the bundle - the latest and/or latest stable release will be included

Choose the bundle(s) you wish to include by toggling the slider to the enabled position:

















Finally click the **Generate Update** button to build the bundle:

### 1 Predefined Bundles

 **All product extensions**  
This bundle contains all product extensions

### 86 Bundle Extensions

-  .NET Analyzer 1.2.0-beta3 
-  .NET Analyzer 1.1.4-funcrel 
-  .NET Analyzer 1.0.12 
-  .NET Entity Framework 1.4.4-funcrel 
-  .NET Silverlight Support 1.4.0-funcrel 
-  .NET Windows Communication Foundation Support 1.4.2-funcrel 
-  ASP analyzer 1.0.0 

**GENERATE UPDATE**

The following message will be displayed:

## Creating Your Bundle ...

Your bundle configuration has been submitted to the server, and will be processed as soon as possible. When this operation is completed you will receive an email notification.

**CLOSE**

You will receive an **email** (sent to the email address associated with your CAST Extend login) when your bundle is ready to download. Click the **Download** button to return to [extend.castsoftware.com](http://extend.castsoftware.com) where you can start the bundle download:

EXEXTEND

Customer,

The job you submitted has completed.

To download the result of this job, click the button below.

DOWNLOAD

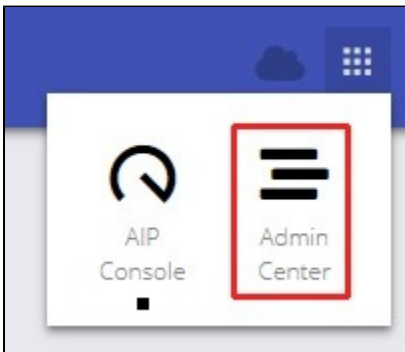
i

- A bundle containing only default extensions is generally around **500MB**
- Bundle files will use the **.extarchive file extension**

## Upload the bundle to CAST Extend Offline

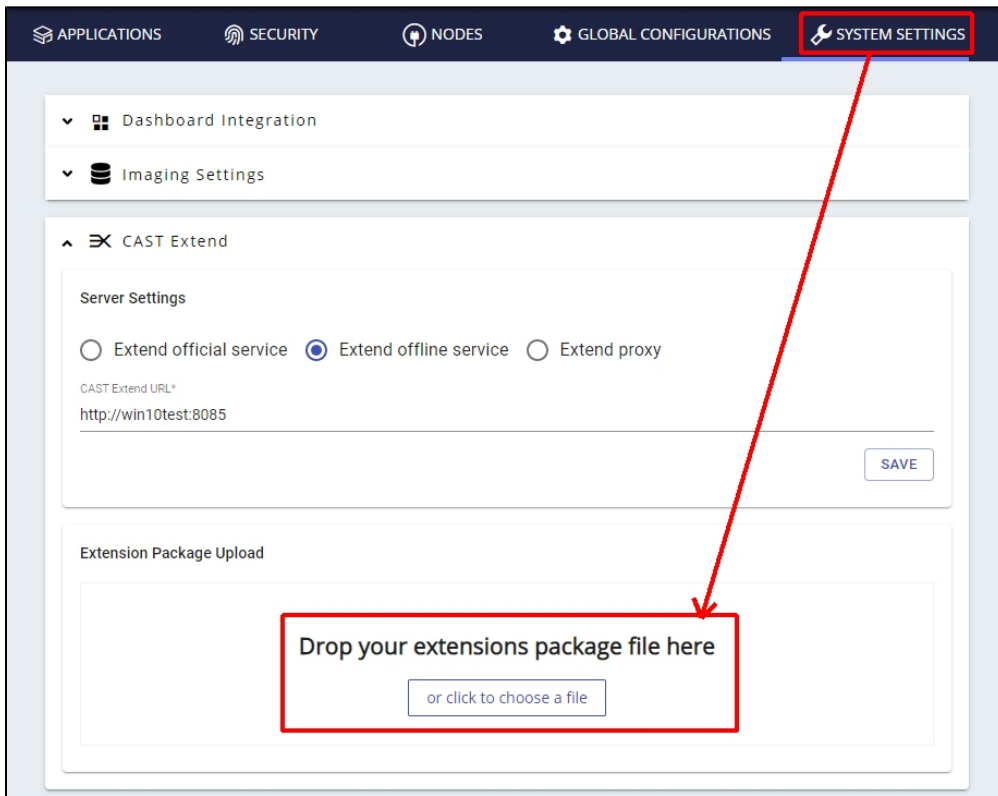
### Via AIP Console

If you are using CAST Extend Offline with AIP Console, the process of updating CAST Extend Offline is handled automatically by AIP Console. Login to AIP Console with a user account that already has the **Admin role** and switch to the **Admin Center**:



Now move to the **Administration Center - System Settings** panel and expand the **CAST Extend** option:

*Click to enlarge*



Drag and drop your downloaded bundle in to the options screen, or click the button to choose the **.extarchive file** directly. The bundle will then be uploaded and added to CAST Extend Offline automatically and all new extensions added to the bundle will be available immediately.

## Via the CAST Extend Offline API and curl

CAST Extend has a built in **API** that can be accessed in a manner of ways. It is therefore possible to upload a new bundle using the API, for example with **curl**:

```
curl -F "data=@<path_to_file.extarchive>" http://<server>:<port>/api/update
```

<b>curl option -F</b>	This causes curl to POST data using the Content-Type multipart/form-data. See <a href="https://curl.haxx.se/docs/manpage.html#-F">https://curl.haxx.se/docs/manpage.html#-F</a>
<b>&lt;path_to_file.extarchive&gt;</b>	The <b>path</b> to the .extarchive bundle file.
<b>&lt;server&gt;</b>	Form part of the URL to your on premises CAST Extend Offline. For example:
<b>&lt;port&gt;</b>	<ul style="list-style-type: none"><li>• <b>&lt;server&gt;</b>: the local server on which CAST Extend Offline is <b>installed</b>.</li><li>• <b>&lt;port&gt;</b>: the port number which CAST Extend Offline runs on. This is determined during the <b>installation</b> (default port number is set to 8085).</li></ul>

For example:

```
curl -F "data=@D:\downloads\b2b430df976c412ca29e799fff0fd86e.extarchive" http://cast_extend:8085/api/update
```