


# Download an extension using CAST Extend API

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## Use curl

CAST Extend has a built in [API](#) that can be accessed in a manner of ways. It is therefore possible to download extensions using the API, for example with [curl](#):

```
curl -# -O -J "https://extend.castsoftware.com/api/package/download/<id>/[<version>]" -H "x-nuget-apikey:<my_api_key>" -H "accept: application/octet-stream"
```

<b>curl option -#</b>	Displays a rudimentary progress bar to show download progress.
<b>curl option -O</b>	Downloads the .nupkg file to the current folder using the file name specified on the Extend server. See <a href="https://curl.haxx.se/docs/manp">https://curl.haxx.se/docs/manp</a>
<b>curl option -J</b>	Tells the -O option to use the server-specified Content-Disposition filename instead of extracting a filename from the URL. See <a href="https://html#-J">https://html#-J</a> .
<b>&lt;id&gt;</b>	Specify the ID of the extension you would like to download. The ID of an extension always takes the form <b>com.castsoftware.&lt;name&gt;</b> numbers. You can determine the ID of an extension using the <a href="#">CAST Extend website</a> : 

<p>[&lt;version&gt;]</p>	<p>Specify the version number of the extension you would like to download. You can determine the ID of an extension using the <b>CAST E</b></p>  <p><b>i</b> This option is <b>not mandatory</b>. When omitted, the <b>most recent version</b> of the extension you require will always be download</p>
<p>-H "x-nuget-apikey: &lt;my_api_key&gt;"</p>	<p>Sends your your unique <b>API key</b> as a header - this will grant you access without needing to authenticate. You can find your API key in <b>ST Extend</b> website:</p> 
<p>-H "accept: application/octet-stream"</p>	<p>Tells the server (CAST Extend) that the client (curl) is able to accept a specific type of binary download.</p>

## Examples

### Download the com.castsoftware.shell extension, version 1.1.1-funcrel:

```
curl -# -O -J "https://extend.castsoftware.com/api/package/download/com.castsoftware.shell/1.1.1-funcrel" -H "x-nuget-apikey: 57asdfs-bccb-44f380c1f905" -H "accept: application/octet-stream"
```

### Download the latest version of the com.castsoftware.shell extension:

```
curl -# -O -J "https://extend.castsoftware.com/api/package/download/com.castsoftware.shell" -H "x-nuget-apikey: 57asdfs-bccb-44f380c1f905" -H "accept: application/octet-stream"
```

**Download multiple extensions:**

- com.castsoftware.shell extension, version 1.1.1-funcrel
- com.castsoftware.jee extension, latest version

```
curl -# -O -J "https://extend.castsoftware.com/api/package/download/com.castsoftware.shell/1.1.1-funcrel" -H "x-nuget-apikey: 57asdfs-bccb-44f380c1f905" -H "accept: application/octet-stream"  
curl -# -O -J "https://extend.castsoftware.com/api/package/download/com.castsoftware.jee" -H "x-nuget-apikey: 57asdfs-bccb-44f380c1f905" -H "accept: application/octet-stream"
```