

Extending CAST AIP

CAST AIP can be enhanced with an **extension** to provide additional analysis and measurement capabilities both for technologies that are not supported "out-of-the-box" and for technologies already supported in CAST AIP.

What are extensions

- Release types
- Contributor types
- Modification of extension IDs during deployment of CAST Extend

Infrastructure available to manage extensions

- CAST Extend website
- CAST Extension Downloader
- CAST Extend API
- AIP Console
- ExtendCli
 - ExtendCli - Release Notes
 - ExtendCli - Release Notes - 2.1
 - ExtendCli - Release Notes - 2.0
 - ExtendCli - Release Notes - 1.1
 - ExtendCli - Release Notes - 1.0

Download an extension

- Download an extension using AIP Console
- Download an extension using CAST Extend website
- Download an extension using CAST Extension Downloader
- Download an extension using CAST Extend API

Install an extension

Create a new extension

- Prerequisites and top-tips for creating a custom extension
 - How to publish documentation for CAST User Community extensions
 - Managing ID ranges for custom extensions
 - Extension description file
 - Extension tags
 - Configuring an icon for your extension
 - Auto-distributing specific CAST AIP configuration files with a custom extension
- Creating a custom extension to share an add-on to CAST AIP
- Creating or modifying a custom extension to exploit an existing CAST analyzer with the CAST AIP Extension SDK
- Creating or modifying a custom extension using the CAST Universal Analyzer framework
 - What is the CAST Universal Analyzer and Framework
 - Universal Analyzer language packages
 - Configuring an external plugin to enrich the results for your Universal Analyzer language
 - Configuring code pre-processing for your Universal Analyzer language
 - How to configure a language for the CAST Engineering Dashboard
 - xxxCastMetrics.xml - defining new metrics for a UA language
 - xxxInformationTracking.xml file
 - xxxLanguagePattern.xml - defining how to analyze a language
 - xxxMetaModel.xml file
 - Appendix - Special Cases
 - Ensuring your existing Universal Analyzer extension files are compatible with CAST AIP
 - Configuring CAST to accept your Universal Analyzer language package
- Appendix - CAST Server Manager user components - PCK
 - Creating a new custom component
 - Check the installation of your component
- Appendix - Importing an additional technology not supported by CAST AIP
 - Configuring UAX - UAXDIRECTORY - project files
 - Universal Importer - Advanced configuration

Upload an extension

Validate an extension

Manage uploaded extensions

CAST Extend local server

- CAST Extend local server - Release Notes
 - CAST Extend local server for Microsoft Windows - Release Notes
 - CAST Extend local server for Microsoft Windows - Release Notes - 1.3
 - CAST Extend local server for Microsoft Windows - Release Notes - 1.2
 - CAST Extend local server for Microsoft Windows - Release Notes - 1.1
 - CAST Extend local server for Microsoft Windows - Release Notes - 1.0

- [CAST Extend local server - Prerequisites](#)
- [Install CAST Extend local server](#)
- [Manage CAST Extend local server via Administration Center](#)
- [Upgrade CAST Extend local server](#)
- [Uninstall CAST Extend local server](#)
- [Update CAST Extend local server with new content](#)

[Change Forecast tool](#)