

Change Forecast tool



This feature is currently in BETA.

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Summary: Information about the **Change Forecast** tool provided in CAST Extend to help prepare for an upgrade of a given extension.

Introduction

The **Change Forecast tool** is provided in CAST Extend to help you prepare for an upgrade of a given extension. The tool provides the ability to choose **two extension releases** (i.e. the current extension you are using and the target extension you want to upgrade to) and view the changes that have occurred between the two releases. Knowing what has changed enables you to understand the impacts of upgrading your extension release on your existing analysis results. Changes covers updates such as:

- resolved issues
- new features
- modifications

Accessing the tool

To access the tool, browse to the following URL: <https://extend.castsoftware.com/change-forecast/> - no login is required:

Using the tool

Extension selection

Select the extension you are interested in, the current installed release and the target release, then click the **Compare** button. Changes are then detailed in the sections below:

The screenshot shows the 'Change Forecast' tool interface. At the top, there is a header with the tool's name and logo. Below the header, there are four main input fields: 'Select an Extension' (containing 'com.castsoftware.entity'), 'Current Version' (containing '2.0.0-beta3'), 'Target Version' (containing '2.0.0-funcrel'), and 'Versions' (containing '2'). To the right of the 'Versions' field is a trash icon and a blue 'COMPARE' button. Below the 'Select an Extension' field, there is a '+' icon in a box with an arrow pointing to it, labeled 'Add a new extension to compare'. Below the 'Versions' field, there is an arrow pointing to the number '2', labeled 'Number of versions between current and target version'.

Overall changes section

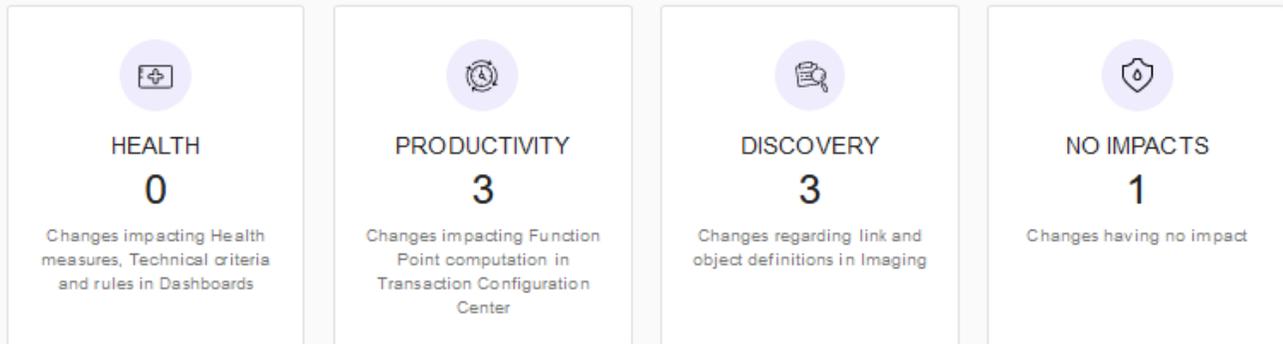
This section displays the CAST AIP group of results impacted by the changes between the releases you have selected. It shows the number of changes impacting these groups, and the numbers of changes having no impacts.

 The CAST AIP group results are:

- **HEALTH** or Health measure: a set of **Technical Criteria** that assess the impact on the application development.
- **PRODUCTIVITY** or Productivity measurement: a set of data related to **Function Points** to estimate the amount of business functionality of an application.
- **DISCOVERY**: all the analysis data that will allow you to visualize, navigate and discover an application architecture in **CAST Imaging**.

OVERALL CHANGES

There are 4 changes in total, 3 of which have an impact on CAST AIP results



Change details

In this section, you will find the change details for all the releases that are in between the current/installed release and the target release. The changes of the target version are **included**. They are **excluded** for the current/installed versions:

CHANGE DETAILS

Category	Details	Impacts	Extension	Version	HEALTH	PRODUCTIVITY	DISCOVERY	NO IMPACTS
Other Updates	Client application testing.		com.castsoftware.entity	2.0.0-funorel				✓
Other Updates	Extranet: Few useSelect and useInsert Links are missing.	New dependency	com.castsoftware.entity	2.0.0-beta4		✓	✓	
Other Updates	DEELNEMER_API: CRUD links are missing.	New dependency	com.castsoftware.entity	2.0.0-beta4		✓	✓	
Other Updates	Testing Client Apps: Axecreditportal, Deelnemer_API, and Extranet.	New dependency	com.castsoftware.entity	2.0.0-beta4		✓	✓	

Export a report

To get more details about the changes, you can export a report into Excel format:

If you want to sort, filter and manipulate the data further, export the results into an Excel format

EXPORT REPORT 