

DT-Dashboard ver1.1.0

Recommended and supported platforms

Web browser is necessary to confirm the analysis result.

- [Google Chrome](#)

Installation

Please execute "setup.exe" in any folder. After completing the installation, the menu item to start DT-Dashboard plug-in will be added to each menu of DT10 and DT-Win.

Because it is necessary to be ver.12.1 or later version for DT10 or ver.3.1 or later version for DT-Win, it is recommended to install it before installing the plug-in.

Attention

Please install the plug-in after closing DT10 or DT-Win. The menu item for plug-in is not registered if the installation is executed while DT10 or DT-Win is opening. In case the menu item "DT-Dashboard" is not displayed in the tool menu of DT10 or DT-Win after the installation of the plug-in, it is available after registering command according to be hereinafter described "Manual registration of plug-in".

How to start

Please start the item "DT-Dashboard" from the "Tool" menu with opening a project of DT10 or DT-Win.

In the current version, Test Report analysis is necessary before starting DT-Dashboard. Please select the item "Analyze the Report Data" from the menu "Report Analysis" in DT10 or DT-Win.

How to operate

Setting dialog is displayed after starting DT-Dashboard. Data created by DT-Dashboard is to confirm in a browser. "No Data" of "Contents" means the necessary data has not been created yet, so please create data by clicking the "Create" button.

HTTP server for DT-Dashboard can be started after creating the data,. Please start the HTTP server by clicking "Start Server" with specifying the port number of HTTP.

After starting the HTTP server, the contents of DT-Dashboard can be confirmed by accessing the specified port by local address.

Moreover, "Start Browser" button enable the browser to start. In this time, the browser starts with the following URL.

URL: <http://localhost:8081/index.html>

Display contents

Execution time

Functions ranked top 10 are displayed by the descending order of the value of [Total time]. Functions have 0 for the value of [Total time] is not displayed.

The bar displayed in [Total time] means the percentage whose 100% is the greatest [Total time](#).

Function period time

Functions ranked top 10 are displayed by the descending order of the value of the difference of [MAX] and [MIN]. Functions have 0 for the value of the difference of [MAX] and [MIN] is not displayed.

2-point interval execution time

Functions ranked top 10 are displayed by the descending order of the value of [Total time]. Functions have 0 for the value of [Total time] is not displayed.

The bar displayed in [Total time] means the percentage whose 100% is the greatest [Total time](#).

Step period time

Functions ranked top 10 are displayed by the descending order of the value of the difference of [MAX] and [MIN]. Functions have 0 for the value of the difference of [MAX] and [MIN] is not displayed.

Coverage

Statement coverage and branch coverage of all functions are displayed. "NaN" is displayed for non-passed functions or in case the analysis of branch coverage is invalid.

Limitations

Export setting

DT-Dashboard displays data based on the data output by the export functionality of DT10 or DT-Win. In case using DT-Dashboard, the export setting of each analysis report of execution time(FuncIn-FuncOut), function period time, and coverage must be default by DT10 or DT-Win.

To set to default, please set as the following in the export setting window of each report and execute the export once.

- Field separator : Comma
- Delimited text : "
- Character : UTF-8
- Newline code : CR+LF
- Header : Non Header
- Click the [Set to init] button

The target data is not displayed and "Data Error" is occurred when "Create" button of DT-Dashboard is clicked in case output format or item order is changed.

Registration setting of plug-in

Do not change the plug-in setting registered in DT10 or DT-Win by the installer.

Manual registration of plug-in

Please register the plug-in according to the following steps in case plug-in is registered manually because the registration to the menu was failed as DT10 or DT-Win was being executed when the installation.

1. Select the item "Register or exclude a plug-in..." from the "Tool" menu.
2. Click the "Add" button in "Register or exclude a plug-in" window.
3. Input the followings in "Register a plug-in" and click "Register" button.
 - Menu Command : DT-Dashboard
 - Executable file : Full path of DTDashboard.exe
 - Command parameter : `$(ProjectFile) $(CurReportDir) DT10` (DT-Win : `$(ProjectFile) $(CurReportDir) DTWin` , AutomotiveEdition : `$(ProjectFile) $(CurReportDir) DT10AE`)

4. Click the "OK" button in "Register or exclude a plug-in" window.

Copyright© 2017 Heartland.Data Inc. All rights reserved.