

What's New in HCL RTist 11.2

updated for release 2022.04

Overview

- ▶ RTist 11.2 is based on Eclipse 2021.06 (4.20)
- ▶ HCL RTist is 100% compatible with IBM RSARTE. All features in IBM RSARTE are also present in HCL RTist. However, HCL RTist contains some features that do not exist in IBM RSARTE.
 - Those features are marked in this presentation by

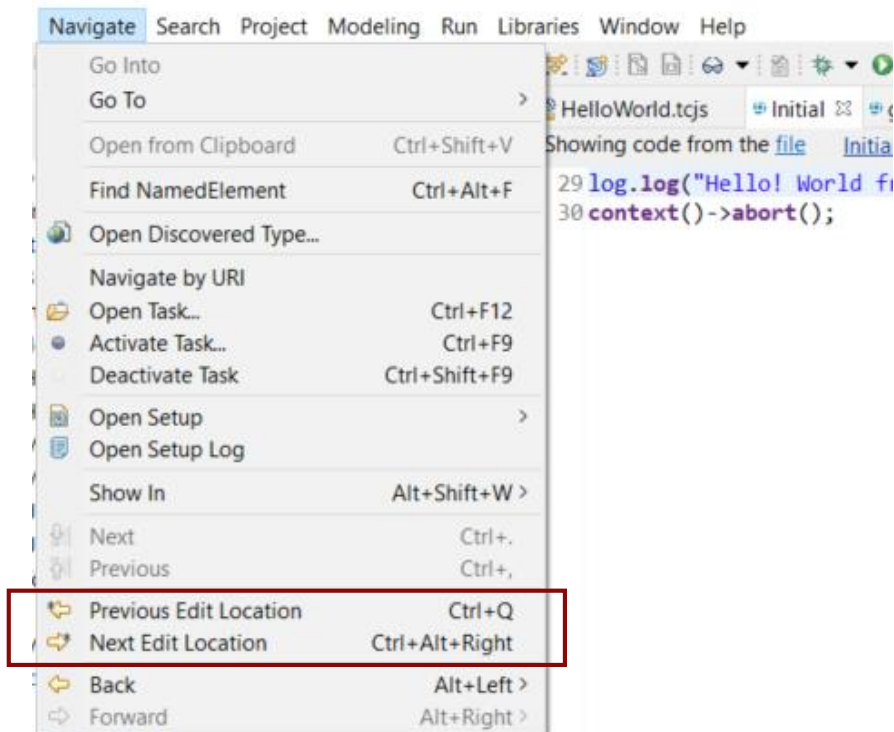


Eclipse 4.20 (2021.06)

- ▶ Compared to RTist 11.1, RTist 11.2 includes new features and bug fixes from 4 quarterly Eclipse releases:
 - 2020.09 (<https://www.eclipse.org/eclipse/news/4.17/platform.php>)
 - 2020.12 (<https://www.eclipse.org/eclipse/news/4.18/platform.php>)
 - 2021.03 (<https://www.eclipse.org/eclipse/news/4.19/platform.php>)
 - 2021.06 (<https://www.eclipse.org/eclipse/news/4.20/platform.php>)
- ▶ For full information about all improvements and changes in these Eclipse releases see the links above
 - Some highlights are listed in the next few slides...

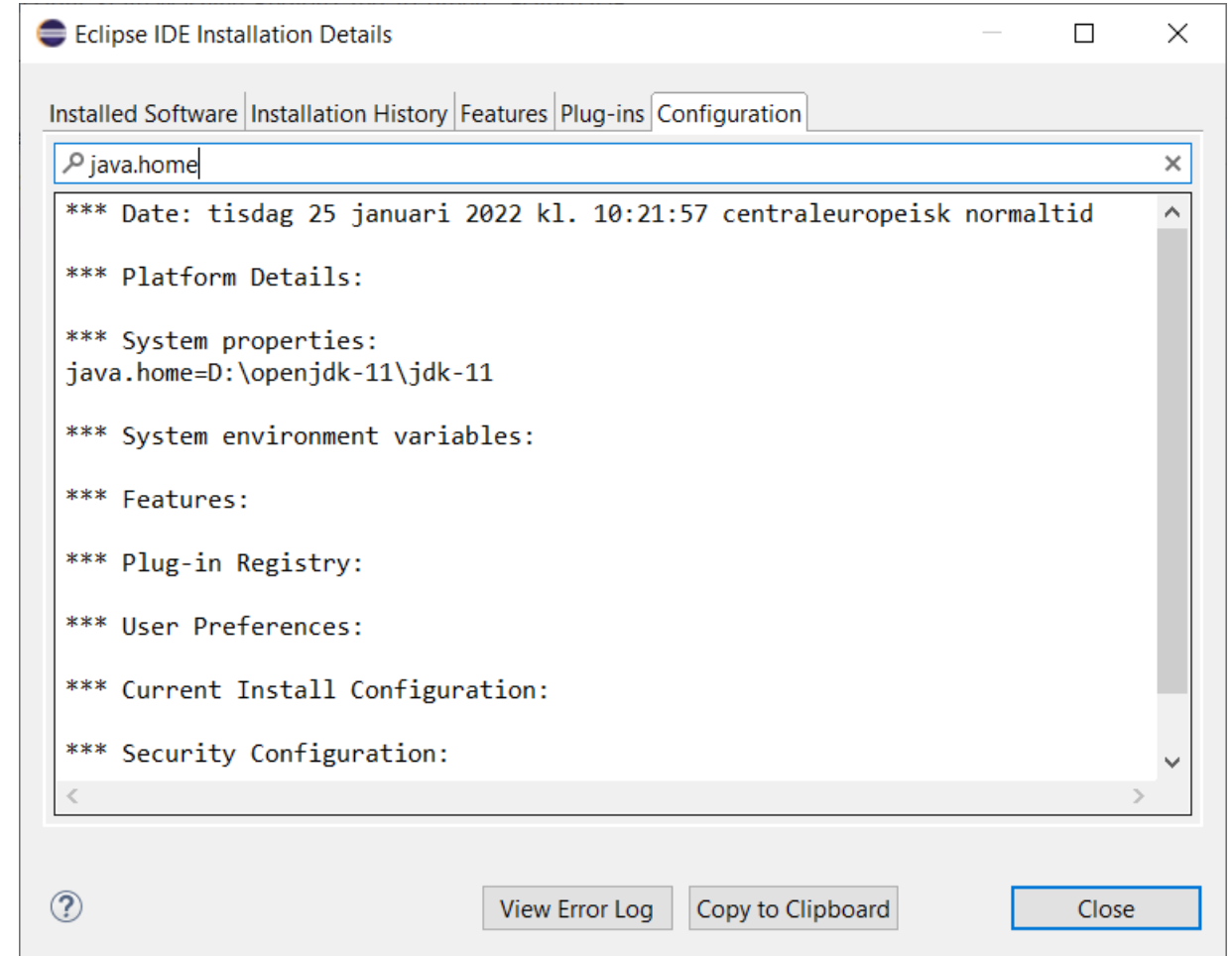
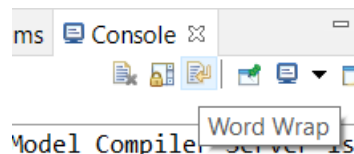
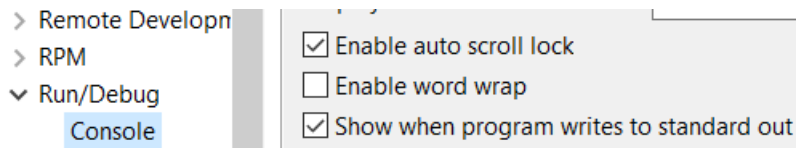
Eclipse 4.20 (2021.06)

- ▶ The **Last Edit Location** command was improved to support a list of previous edit locations
 - Now two commands are available for moving backwards and forwards in the history of recent edit locations
 - **Previous Edit Location** (Ctrl+Alt+Left Arrow or Ctrl+Q) → moves backward in the history
 - **Next Edit Location** (Ctrl+Alt+Right Arrow) → moves forward in the history
- ▶ These commands work for all Eclipse text editors (including the Code Editor but excluding diagram editors)



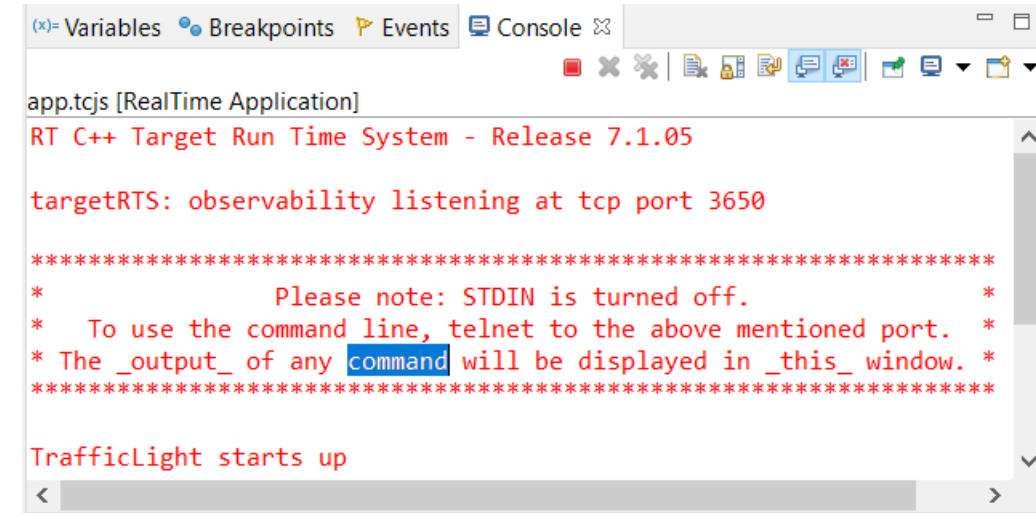
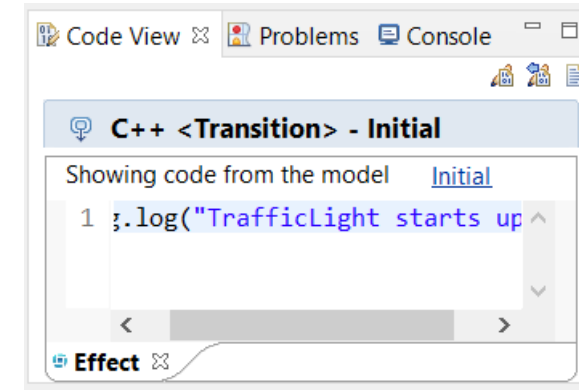
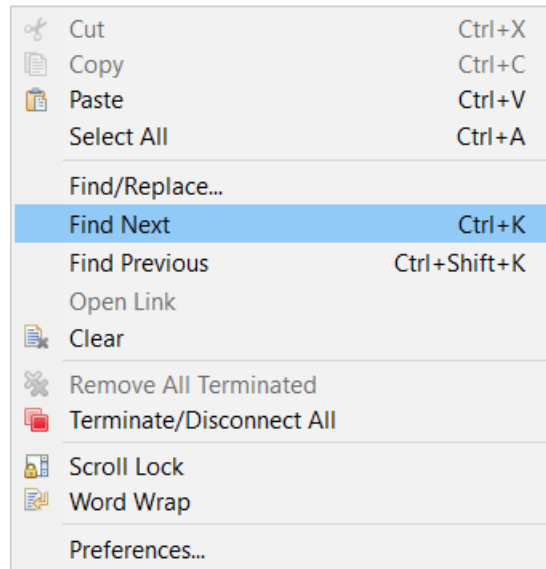
Eclipse 4.20 (2021.06)

- ▶ Filter field for the Configuration view of the Installation Details dialog
 - Makes it much faster to find particular interesting information from the configuration information (e.g. which RTist installation or JVM is being used)
- ▶ Word wrap in Console view is now saved between Eclipse sessions
 - A new preference **Run/Debug – Console – Enable word wrap** remembers this setting



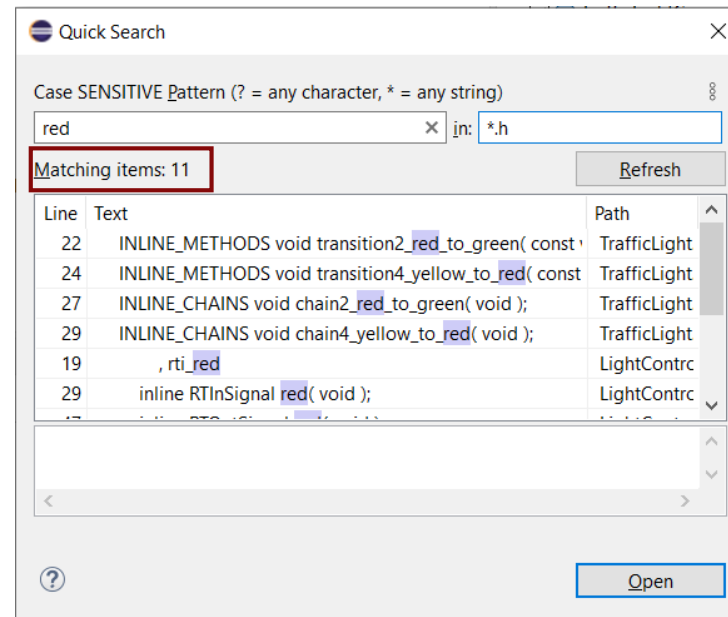
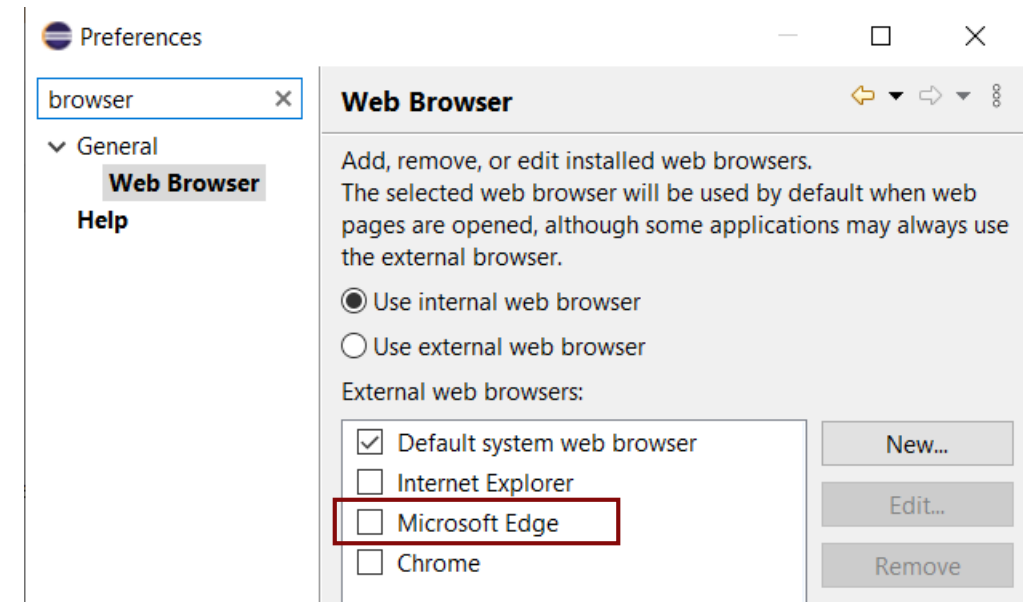
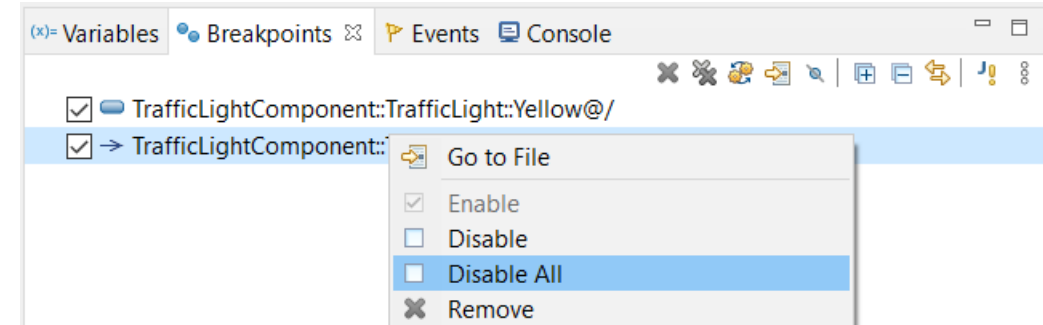
Eclipse 4.20 (2021.06)

- ▶ Horizontal scrolling with Shift + mouse wheel
 - More convenient way of scrolling horizontally if you use a mouse with a scroll wheel
 - Works in all editors (both text editors and diagram editors) and also in views (e.g. the Code view)
- ▶ Easier to repeat a search in the Console view
 - Incremental search (Ctrl+J) does not work in the Console view
 - But now you can instead use new context menu commands **Find Next** and **Find Previous** for repeating a search that was previously done with Ctrl + F.



Eclipse 4.20 (2021.06)

- ▶ Disable all breakpoints
 - A new context menu command in the Breakpoints view makes this easier
- ▶ Microsoft Edge is now supported as an external web browser
- ▶ The Quick Search dialog now shows the number of matching items
 - A new preference **General – Quick Search – Max Results** allow to stop the search when a certain number of matches have been found



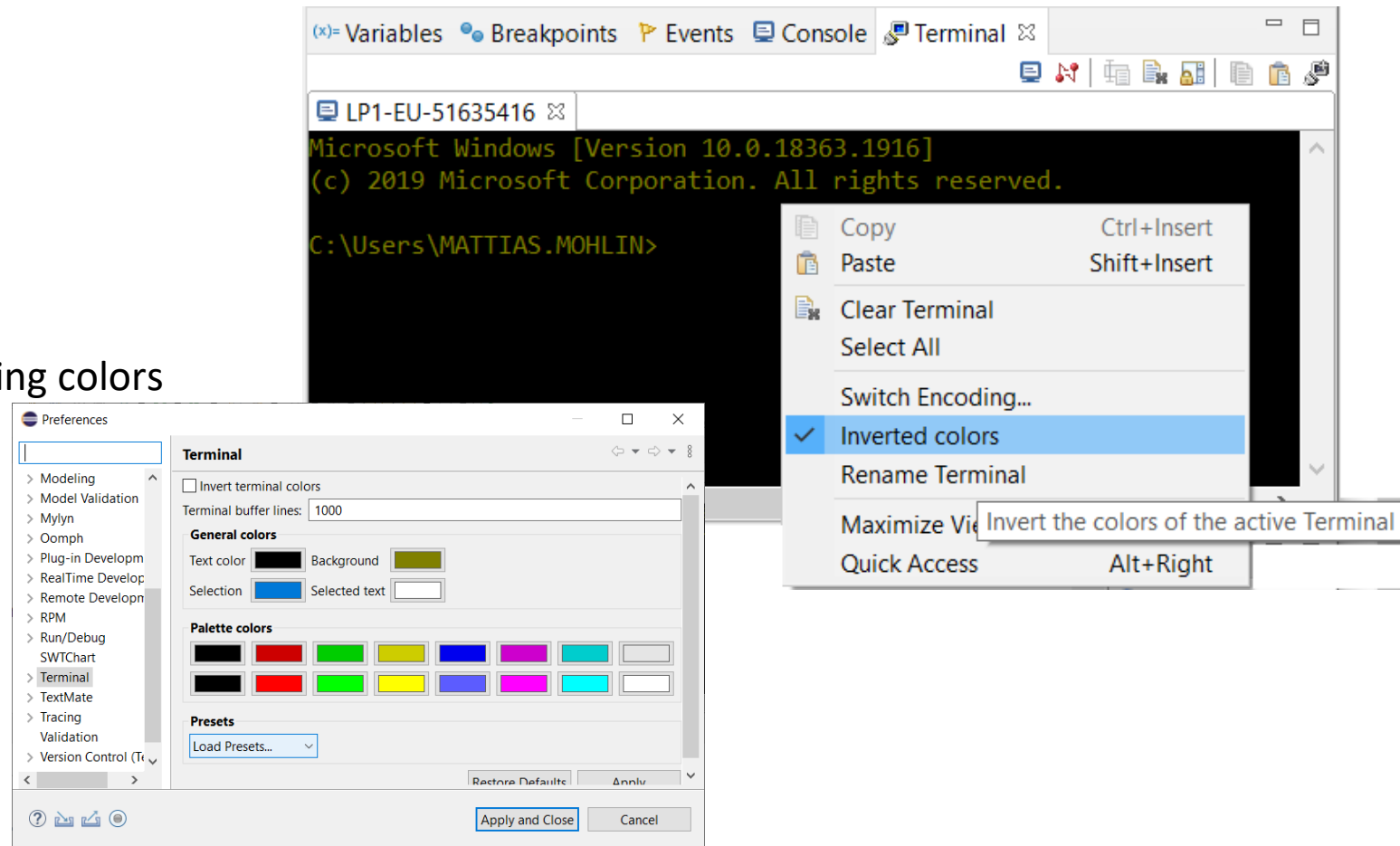
CDT 10.3 (included as part of Eclipse 2021.06)

▶ Various parser and preprocessor improvements for new C++ constructs

- Template deduction guides (C++ 17)
- `__has_include` (C++ 17)

▶ More configurable Terminal view

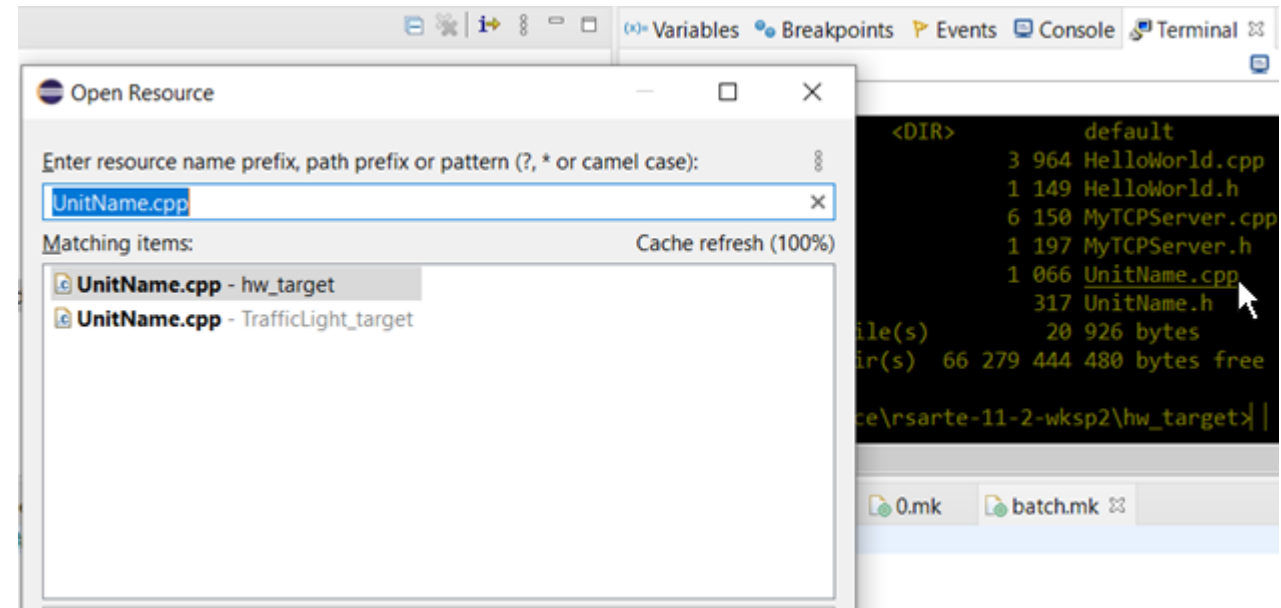
- New context menu command for inverting colors
- New preferences for configuring the colors used by the Terminal view
- Changing the colors helps for example when connecting to certain remote systems that make assumptions about what colors are used
- New context menu command for renaming the terminal (useful if you have many open at the same time)



CDT 10.3 (included as part of Eclipse 2021.06)

- ▶ Open files and links from the Terminal view
 - Ctrl+click on files shown in the Terminal view now opens the file in the workspace (sometimes via the Open Resource dialog to resolve ambiguities)
 - Ctrl+click on hyperlinks to open them in a web browser

- ▶ For more information about CDT improvements see
 - <https://wiki.eclipse.org/CDT/User/NewIn100>
 - <https://wiki.eclipse.org/CDT/User/NewIn101>
 - <https://wiki.eclipse.org/CDT/User/NewIn102>
 - <https://wiki.eclipse.org/CDT/User/NewIn103>



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