How to use the Eclipse Plugin
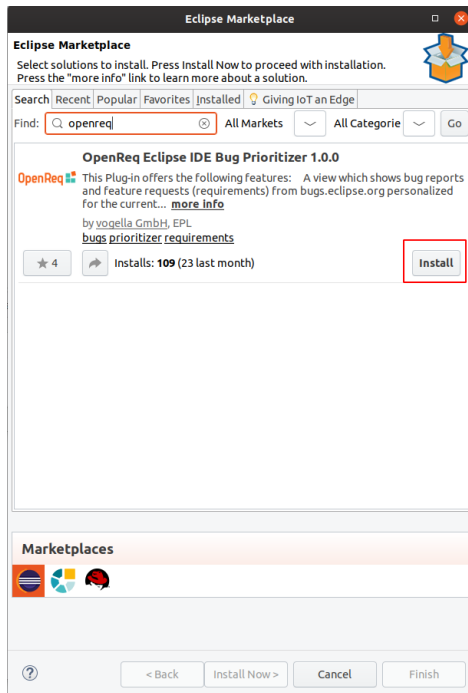
How to install the Plugin

The Eclipse Plugin needs to be installed from the Eclipse Marketplace. To achieve this, in the Eclipse IDE, go to Help -> Eclipse Marketplace …
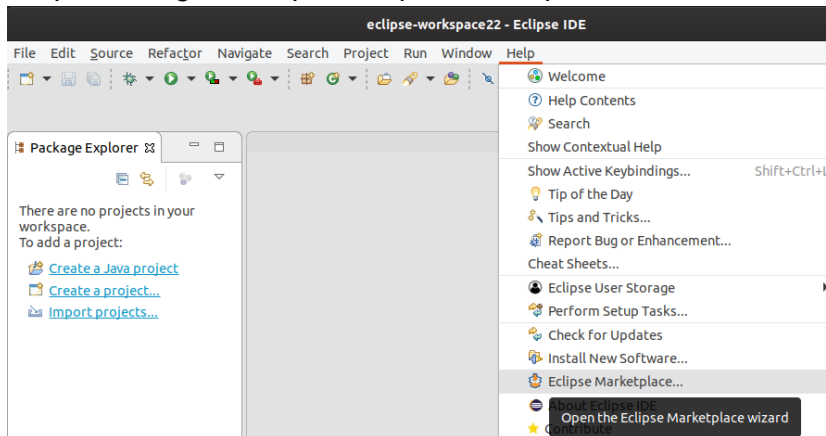
NOTE: If the Eclipse Marketplace entry is not displayed in the Help menu, you need to install the Eclipse Marketplace first.

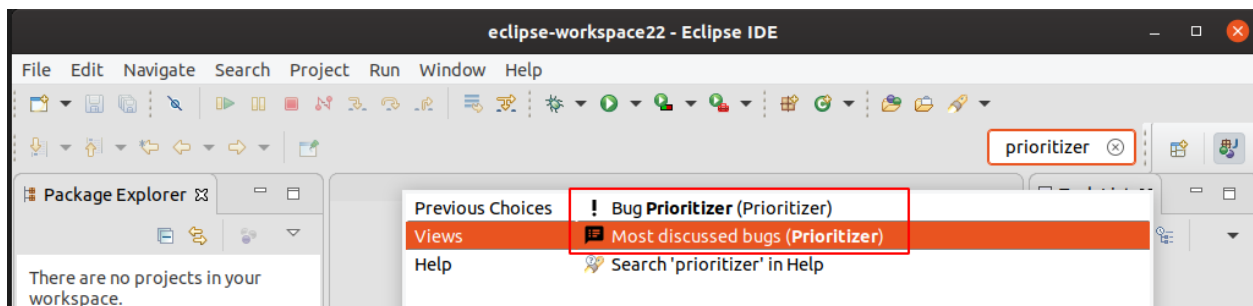Enter 'openreq' in the search field and hit the 'install' button.

Accept the license agreement and press 'Finish'. You will now need to restart Eclipse to apply the changes.

How to use the Plugin

The Eclipse Plugin includes two views:
- Bug Prioritizer
- Most discussed bugs

To open these views go to the 'quick access' field and enter 'prioritizer'. You will now see the two views.

Select one entry after the other to open the views.

Bug Prioritizer

The user can see directly in the Eclipse IDE, in the 'Bug Prioritizer' View, which requirements would be of interest for him and also of interest for the community and good for the Eclipse project. After the user enters his Email Address, Eclipse Project, and Components of interest in the settings page, the user gets a personalized and prioritized list of bugs.

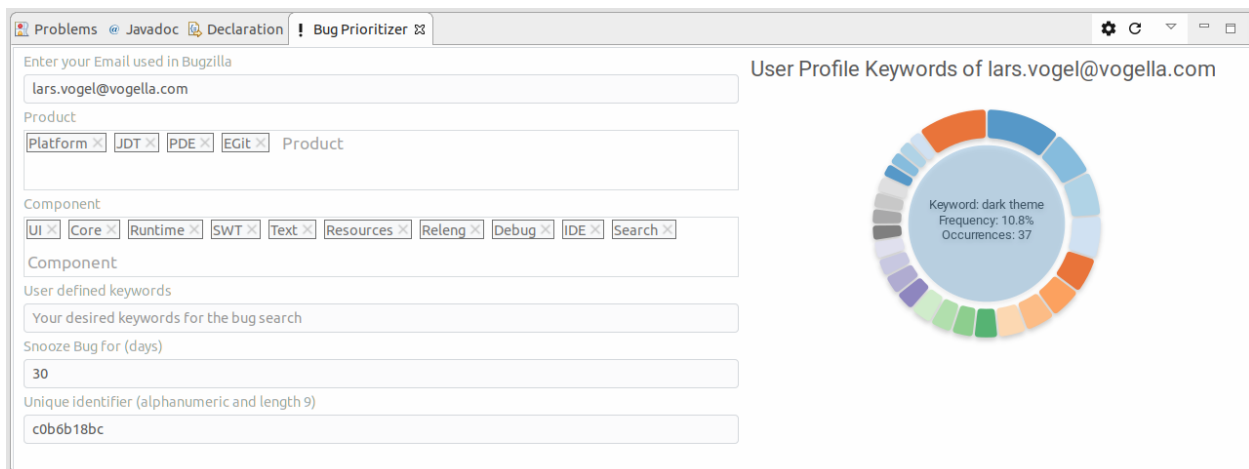| Id	Summary	Priority	Product	Component	Creation Date	Disl...	Sno...	Like
550453	Performance loss in Composite.WM_paint()	100%	Platform	SWT	2019-08-26	🗑	⏲	👍
553051	[14] Test failures	100%	JDT	Core	2019-11-14	🗑	⏲	👍
552832	PDE api-tools in CI build (only CI, not local) report erroneous API Errors	99%	Platform	Releng	2019-11-08	🗑	⏲	👍
537810	Eclipse Neon does not start after trying to fix missing toolbar	93%	Platform	UI	2018-08-09	🗑	⏲	👍
540640	Eclipse fails to open non Java (and sometimes Java) files	89%	Platform	UI	2018-10-31	🗑	⏲	👍
533555	Double click on a file in staged changes will make the other files disappear	88%	EGit	UI	2018-04-13	🗑	⏲	👍
506696	Ctrl+E bugs (Next Editor/View/Perspective switcher popups)	86%	Platform	UI	2016-10-28	🗑	⏲	👍
547485	IllegalArgumentException using placeholder in model fragments	86%	Platform	UI	2019-05-20	🗑	⏲	👍
485167	[tests] Reactivate disabled UI tests to run regularly with UiTestSuite	84%	Platform	UI	2016-01-04	🗑	⏲	👍
527378	Stop supporting old update manager for launching	84%	PDE	UI	2017-11-17	🗑	⏲	👍
531715	[14] JEP 305: Pattern Matching for instanceof (Preview)	83%	JDT	Core	2018-02-27	🗑	⏲	👍
546011	Eclipse RCP HighDPI Scaling on Linux broken with embedded JavaFX	82%	Platform	UI	2019-04-01	🗑	⏲	👍
489335	PartServiceImpl.getActivePart() returns part from the different perspective dur...	82%	Platform	UI	2016-03-10	🗑	⏲	👍
552290	Find Actions "see all" doesn't work with some Windows keyboard layouts	82%	Platform	UI	2019-10-21	🗑	⏲	👍
549295	View added to J2EE perspective does not show after plugin install	81%	Platform	UI	2019-07-15	🗑	⏲	👍
559482	[Mac] Eclipse 19-09 won't start with adoptopenjdk 11.0.6	81%	Platform	Runtime	2020-01-24	🗑	⏲	👍
465456	E4 should not store reference to view and editor icon contribution value	81%	Platform	UI	2015-04-24	🗑	⏲	👍
537639	Disabled tests 16 Platform UI Junit tests in org.eclipse.e4.ui.tests fail on Mac	80%	Platform	UI	2018-08-03	🗑	⏲	👍

The user can dislike, like and snooze bugs. If a bug is disliked it will be deleted from his list and the algorithm will learn that this was not a good choice for the user. If a bug is liked, this will help the algorithm to learn out of it and try to find similar bugs. If a bug is snoozed, this would mean that it was actually a good choice from the algorithm, but for

the time being the user doesn't want to work on this bug and it will be shown again in x days. The snooze period can be defined in the settings page.

The more the user likes and dislikes bugs, the better will become the results of the algorithm for the user.

If the user wants to reset his/her likes and dislikes, he/she would just need to change his/her Agent-ID. The Agent-ID in the settings page will initially be assigned to the user after installing the Plug-in, but it can be changed, as long as it is an alphanumeric value a-z, A-Z, 0-9 and has the length of 9. If the user wants to use the Eclipse Plug-in from different computers he/she should make sure to only use one Agent-ID on every computer.

In the settings page the user can also see his keywords. These are words which were often found in bugs solved by the user in the past and will serve as one of the metrics to find suitable bugs for the user.

Most discussed bugs

Users will see the bugs with the largest amount of comments in the last 30 days for a specified Product - Component combination in the 'Most discussed bugs' view.

Id	Summary	Comment Count	Product	Component
201589	[Contributions] visibleWhen has no effect on toolbar	51	Platform	UI
56558	[Themes] [Fonts/Colors] Provide UI to set fonts for trees and tables	50	Platform	UI
22905	[EditorMgmt] associations: Allow pattern matching	34	Platform	UI
559353	Investigate disabled 2 random test failures in ResourceInitialSelectionTest	30	Platform	UI
386648	[EditorMgmt] "No editor descriptor for id org.eclipse.ui.internal.emptyEditorTab" after workbench crash	22	Platform	UI
457002	[About] Make AboutDialog available for Eclipse 4 RCP application	19	Platform	UI
544675	org.eclipse.ui.tests: TextHandlerTest.testEditableText fails on mac	18	Platform	UI
546011	Eclipse RCP HighDPI Scaling on Linux broken with embedded JavaFX	18	Platform	UI
552909	Builder API for MessageDialog	17	Platform	UI
548541	Did not encounter the UI thread in stack traces.	13	Platform	UI
537639	Disabled tests 16 Platform UI Junit tests in org.eclipse.e4.ui.tests fail on Mac	10	Platform	UI
560221	Installed Software second level offers Uninstall that fails with an internal error message	10	Platform	UI
558782	[regression] setting background color for text editor not applied with dark themes	9	Platform	UI
535053	Replace org.eclipse.core.databinding activator logging with OSGi logging	8	Platform	UI
553382	Properties view does not repaint when editing	8	Platform	UI
560222	JavaScript software cannot be uninstalled	8	Platform	UI
530257	"Link with Editor" functionality not working with hierarchical project presentation	7	Platform	UI
558674	using ./eclipse <path> does not work to import on OS X	7	Platform	UI
559434	[Light Theme] Horizontally expand and add border to tree selection and hovers	7	Platform	UI
559967	org.eclipse.e4.ui.progress is missing in RCP feature	7	Platform	UI
468293	[DataBinding] Support Java 8 Date and Time API in Eclipse Databinding	6	Platform	UI
550582	Allow to show shortcut popup only for mouse interaction	6	Platform	UI