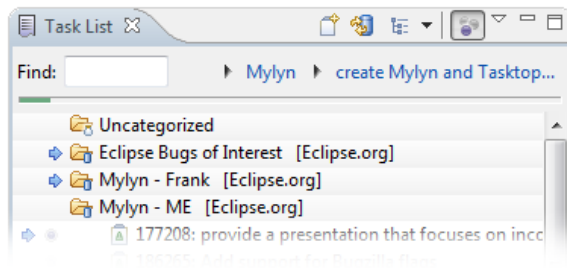


## Task-Focused Programming

Mylyn is a task-focused interface for Eclipse that reduces information overload and makes multi-tasking easy. It does this by making tasks a first class part of Eclipse, and integrating rich and offline editing for repositories such as Bugzilla, Trac, and JIRA. Once your tasks are integrated, Mylyn monitors your work activity to identify information relevant to the task-at-hand, and uses this task context to focus the Eclipse UI on the interesting information, hide the uninteresting. This puts the information you need to get work done at your fingertips and improves productivity by reducing searching, scrolling, and navigation. By making task context explicit Mylyn also facilitates rapid multitasking, planning, and sharing expertise.

## The Task List

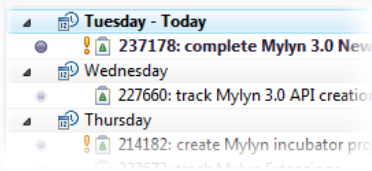
The main view of Mylyn is the Task List which can be opened via Window > Show View > Other, Mylyn > Task List.



The Mylyn Task List is the key entry point to getting Mylyn working for you. In this view you manage your local and repository tasks which can be organized by category, query, and working set. Local Task are for work that is of a personal nature that you want to remain stored locally on your computer not shared with others over the network. Repository Tasks are shared (often hosted on a public task repository) and are visible to others with access to the repository.

### Presentations

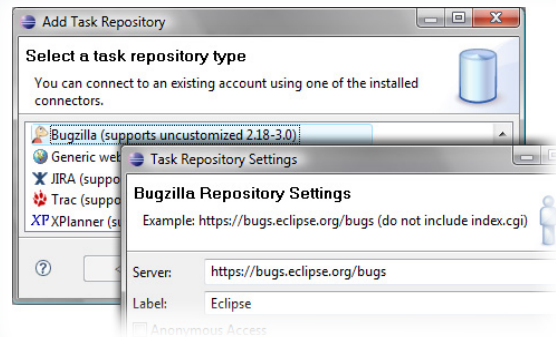
By default the Task List is presented in the Categorized presentation (as depicted above). Alternatively you can view your Task List organized by when a task has been scheduled, the aptly named Scheduled presentation.



## Task Repositories

Mylyn can bring your Bugzilla, JIRA, Trac, (and more) bugs/issues/tickets right into your Task List so you can easily monitor and manage them in a single Task List without switching back and forth between your web browser and IDE. This requires the one-time set up of your Task Repository in Mylyn.

To create a Task Repository, navigate to Window > Show View > Other > Mylyn > Task Repositories. Right+Click within the Task Repositories view and select "Add Task Repository". Fill in the repository url, your credentials, and press the Validate button to ensure these settings are correct.



### Repository Connectors

You need to have what Mylyn refers to as a 'Connector' tailored to the brand/version of repository you wish to retrieve tasks from. By default Mylyn comes with the Bugzilla connector. Additional connectors can be installed for JIRA, Trac, XPlanner and many others. See <http://wiki.eclipse.org/index.php/Mylyn/Extensions#Connectors> for a complete list.

### Get More from Mylyn

The free Tasktop Starter makes installation of some popular connectors really easy. Learn more at <http://tasktop.com/mylyn>

## Queries and Categories

### Adding a Query

With your Task Repository created and validated, you can now easily view tasks from the remote repository in your Task List through creation of a Query. To create a new query, right click in the Task List and from the popup menu select New > Query... In the resulting Repository Selection dialog, choose the Task Repository you wish to query over and press Finish. You will then be asked to provide the parameters for the query. Mylyn best practices sug-

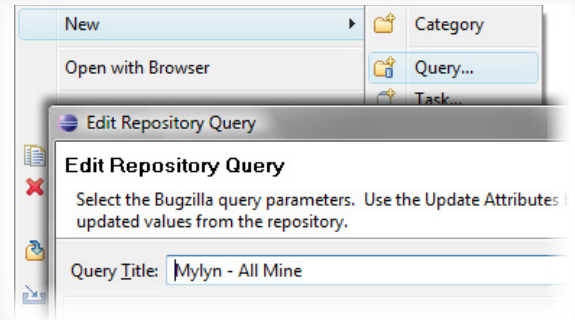
### The speed of thought

Myelin is a naturally occurring bodily substance that accelerates our thoughts by making neurons much more efficient at conducting electricity. The Mylyn name is a tribute to myelin because many users claim that Mylyn increases efficiency to the point where they can code at the speed of thought. Previously, the project was known by a name it shared with a thin plastic film called Mylar.

gest creating queries for those you collaborate with. Once created, you will see the query in your Task List and after synchronizing (retrieving the tasks from the remote repository) you can expand the query to see the tasks. Double click on a task to open it in a rich editor.

## Categories

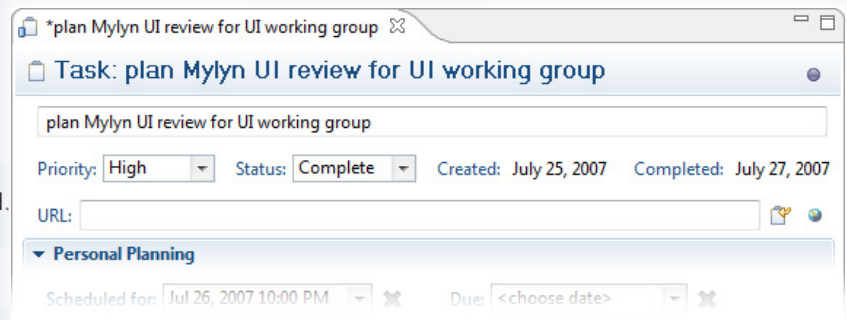
By default, all new Local Tasks are placed in the Uncategorized folder. To create a new category, right+click in the Task List view and select New... > Category. Enter a name for the category in the resulting dialog and press Ok. You can now drag tasks onto the newly created category to move the task. Alternatively, right click on any task and select Move To from the popup menu and choose a category from the list provided.



## Creating Tasks

### Local Tasks

To create your first Local Task, press the New Task button located in the Task List view's toolbar. Select the 'Local' option from the Repository Selection wizard page and press the Finish button. A new Local Task is created, filed under the Uncategorized folder in the Task List, and its editor opened. The Local Task editor has a number of fields, the first being the task summary. Give your new task an appropriate summary and save the change by pressing the Save (Ctrl+S) button in the toolbar.




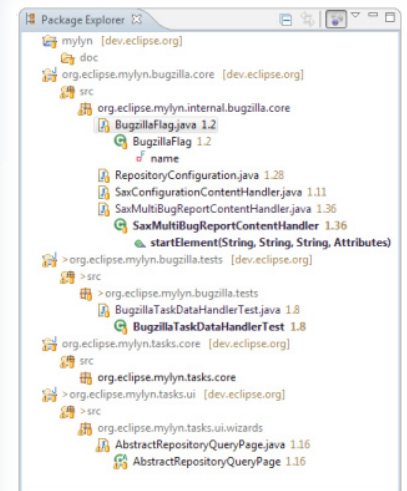
### Repository Tasks

The steps to create a Repository Task (a task shared via a common repository) are similar to a Local Task. When creating a Repository Task however, in the wizard, choose the Task Repository you wish to create a new task on. Press the Submit button (lower left corner of the editor) to create this task on the repository.





## Task Focus and Activation

TMyllyn is most effective when tasks are activated as you work on them. This small change in workflow results in significant benefits. To activate a task, single-click the task activation button (small purple circle to the left of the task in the Task List). Note that if you haven't activated the task in the past, the small circle will be gray and not filled in. Once you have worked on a task, the circle will be filled.






When a task is activated, code artifacts you do not interact with frequently are filtered from views such as the Package Explorer while artifacts you do work with remain (and become **bold** if interacted with alot). Pressing the Focus filter button  will toggle filtering of the view. To temporarily unfilter a node, press and hold the Alt button while clicking on the node. Making a selection from the unfiltered nodes will open the file and return the view to the filtered state.







### Tasks

-  Task
-  Category
-  Query
-  Date range
- [Open Task List...](#)






### Priorities

-  Very High
-  High
-  Normal (default)
-  Low
-  Very Low

### Task Context

-  Focus view on active task
-  Inactive task with no context
-  Inactive task with context
-  Active task

### Synchronization

-  New task, open to view
-  Incoming changes, open to view
-  Outgoing changes
-  Synchronization failed, mouse over for details
-  Conflicting changes, need to synchronize

## Task List

New Local Task	Insert or Alt+Shift+N	Inserts a new Local Task in the category selected within the Task List. If no category is selected the new task is created within the Uncategorized folder.
New Local SubTask	Shift+Insert	
Mark Local Task complete	Alt+Shift+C	
Mark Local Task incomplete	Alt+Shift+I	
Open selected task	Enter	
Activate task	Ctrl+F9	Select task to activate from resulting dialog
Deactivate task	Ctrl+Shift+F9	Deactivate currently active task
Mark task read	Alt+Shift+R	
Mark task unread	Alt+Shift+U	
Show tooltip for selected task	F4	An informative tooltip will be displayed. For Repository Tasks, the tooltip includes the tasks key attributes and summarizes important incoming information such as new comment.
Go to next unread task	Alt+Down	Use this shortcut to quickly browse through your tasks with incoming changes, quickly revealing the tooltip for each.
Go to previous unread task	Alt+Up	
Mark task read and go to next unread task	Alt+Shift+Down	
Mark task read and go to previous unread task	Alt+Shift+Up	
Find	any character	When the Task List is active, typing any character will result in populating the Find field.

## Task Editor

Save	Ctrl+S	Save outgoing changes, Task gets blue outgoing arrow decoration in Task List
Submit	Alt+Shift+S	Submit current changes to repository
Maximize	Ctrl+M	Toggle editor between maximized and restored state
Content assist	Ctrl+Space	Numerous fields in the Task Editor are content assist enabled. Enter "Bug" and Ctrl+Space to quickly insert references to other bugs. Also use to quickly add users to the fields within the People section.
Spell Correction	Ctrl+I	Select misspelled words and execute key sequence to see suggested spellings

## Package Explorer

Show filtered children	Alt+Click	Alt+Click on a node to temporarily reveal filtered children. Alt+Click in surrounding white space to unfilter everything.
Mark as Landmark	Ctrl+Alt+Shift+Up	The selected element becomes a Landmark (and <b>bold</b> in the Package Explorer)
Remove from Context	Ctrl+Alt+Shift+Down	The selected element is removed from the task context (and filtered from view)