

# Planning your development project

Red Hat Developers Documentation Team

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This document provides instructions on using the CodeReady Toolchain planner to plan and track your development work using agile development methodologies. The CodeReady Toolchain planner is a task or work item tracker to plan and execute your project work. Work items can be grouped and categorized into various work item types depending on the planning template you select for a space. You can then associate these work items to iterations and sprints to track progress and plan work.

# Planning and tracking work items in your development project

Now that you have created a project, you can edit the code and stage the changes.

# Chapter 1. About work items

Work items are measurable units of work within a [space](#) that can be tracked. They are captured representations of work, assigned to a team member. Work items track data such as user stories, scenarios, tasks, and bugs.

The CodeReady Toolchain planner is a task or work item tracker to plan and execute your project work. It includes a set of predefined planning templates based on common development methodologies such as *Agile* and *Scenario Driven Development*. These templates determine the structure and features of the work item types and states available for a space.

Work items can be grouped and categorized into various work item types depending on the template you select for a space. These work items can then be scheduled to be completed within respective [Iterations](#) to track their progress.

Thus you can plan, execute, and track your development work based on the project management methodology you adopt.

# Chapter 2. Planning development work

CodeReady Toolchain planner uses the Agile development methodology to track tasks as work items assigned to collaborators.

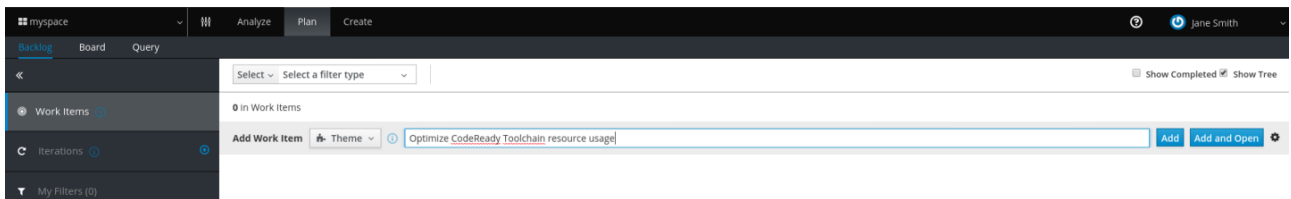
Use the Agile development process to plan and execute your project using iterative cycles as follows:

*Prerequisite:*

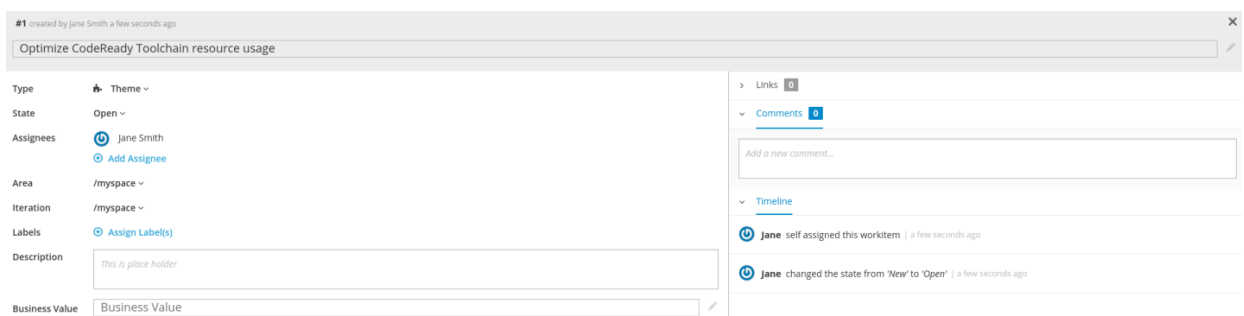
- [Create a space.](#)

*Procedure*

1. In the dashboard of your space, select the **Plan** tab at the top of the page. The default **Backlog** view displays the **Work Items** for your space.
2. In the **Add Work Item** pane, select **Task** from the work item type drop-down list, type the title **Optimize CodeReady Toolchain resource usage**, and click **Add and Open** to see the detailed view for the work item.



3. In the detailed view of the work item:
  - a. Change the state of the work item from **New** to **Open**.
  - b. Assign it to yourself.
  - c. Close the detailed view to go back to the list view.



See [modifying work items](#) for detailed information.

4. In the left panel, click the (+) icon adjacent to **Iterations** to see the **Create Iteration** window
5. In the **Name** field type **Test Iteration** and force activate it.

**Create Iteration** [X]

**Name \***  
Test Iteration

**Parent Iteration**  
None

**Description**  
*Describe this iteration's goals and what it will include.*

**Start Date** [Calendar Icon]      **End Date** [Calendar Icon]

**Force Active:**  ON

Cancel    Create

6. Click the work item to see its preview and use it to [associate the task to the Test Iteration](#).

You can now use the **Test Iteration** in the left panel to track the work item and ensure its completion within the iteration.