Tempo for Bitbucket

User Manual

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1. Introduction

This document is intended to guide users on how to use the Tempo add-on for Bitbucket. Each page and component has a detailed annotation and explanation. The add-on is designed to be as easy to use as possible but should some confusion arise this guide will clear it up.
2. Repository sidebar

The add-on is accessible through the sidebar on the left hand side of the repository site on Bitbucket.

The following actions correspond with the annotations on figure 2.1:

1. When clicked the user is directed to the log work site. See more detail in section 3.
2. When clicked the user is directed to the worklogs overview site. See more detail in sections 4 and 5.
3. Log work

3.1 Overview

Users can log work on issues and admins can estimate the time it takes to finish an issue on the issue overview page.

![Figure 3.1: the issue overview page as displayed to an admin](image)

The following actions correspond with the annotations on figure 3.1:

1. Filters the issues that are displayed. The user can filter issues by all or by issues that are assigned to him.
2. Displays the id of each issue and it’s title. When clicked the user is redirected to the issue page corresponding to that issue.
3. Displays the status of each issue.
4. When clicked the user is prompted with a log work dialog. See more detail in section 3.2.
5. Button only shown to admins, when clicked the admin is prompted with an estimate time dialog. See more detail in section 3.3. A regular user is not able to estimate time on issues and would see the estimated time on each issue.
6. When these buttons are clicked the corresponding page of the tables above is selected.
3.2 Log Work dialog

Users can log work through a dialog box that appears when he/she clicks the log work button.

![Log work](image)

**Figure 3.2: the dialog box for logging work on an issue.**

The following actions correspond with the annotations on figure 3.2:

1. Displays the avatar and the username of the currently logged in user.
2. Displays the id and title of the selected issue.
3. Required field to insert the amount of hours and minutes worked in this worklog.
4. Required field to insert the date of this worklog.
5. Optional field to insert a description of this worklog.
3.3 Estimate time dialog

Admins can estimate the time it takes to finish an issue though a dialog box that appears when he/she clicks the estimate time button.

![Estimate time dialog box](image)

*Figure 3.3: the dialog box for estimating time on an issue.*

The following actions correspond with the annotations on figure 3.3:

1. Displays the id and title of the selected issue.
2. Displays the current estimate of the issue, if no estimate is present, the value displays “0 hours”.
3. Required field to insert the amount of hours estimated to finish the selected issue.
4. Repository worklogs - Admin

4.1 Overview

When admins navigate to the worklogs page of a repository, it displays an overview of the worklogs by users of the repository. They can filter the worklogs by members and a specified time period. They can also choose to view their own worklogs in the repository or navigate to their profile to view all their worklogs, regardless of a repository.

![Worklogs Overview](image)

Figure 4.1: An overview of the worklogs page of a repository for an admin

The following actions correspond with the annotations on figure 4.1:

1. Field to sort by members who have logged work on issues on the repository.
2. Displays predetermined lengths of periods that can be chosen for the graph. Available lengths can only be clicked. When clicked the length of the period in the graph changes corresponding to the selected value.
3.  
   a. **Team Worklogs**: The button to select this view.
   b. **Your Worklogs**: When clicked the user is shown his/her worklogs in this repository. See more detail in section 5.
   c. **All your worklogs**: When clicked the user is redirected to the worklogs section of his/her profile page where he/she can see all his/her worklogs, regardless of repositories. See more detail in section 6.
4.  
   a. **Total logged**: Displays the total logged time in the repository by the selected members.  
   b. **Estimate**: Displays the total estimated time on issues in the repository.  
   c. **Period Logged**: Displays the total logged time in the repository by the selected members and on the chosen period selected in the graph.  
5. **Fields to select the dates marking the beginning and end of the period for which the graph, tables and summary display information.**  
6. **Graph displaying how much has been logged on each day in the repository by the selected members for the chosen period.**  
7. **When the line on the graph is hovered a tooltip appears displaying more information for the corresponding day.**  
8. **Resizable and Slidable section to select the period for which the graph, tables and summary display information.**  
9.  
   a. **Worklogs**: When clicked the section below displays a table with the worklogs of the selected members on the chosen period. This tab is selected by default when the page loads. See more detail in section 4.2.  
   b. **Members**: When clicked the section below displays a table with the total number of logged hours by the selected members on the chosen period. See more detail in section 4.5.  
   c. **Issues**: When clicked the section below displays a table with the total logged time on each issue in the repository by the selected members on the chosen period. See more detail in section 4.6.  
10. When these buttons are clicked the corresponding page of the tables above is selected.
4.2 Worklogs tab

When the worklogs tab is selected, as it is by default, the table displays the worklogs in the repository by the selected members on the chosen period.

The following actions correspond with the annotations on figure 4.2:

1. Displays the id of the issue. When clicked the user is redirected to the issue page corresponding to that issue.
2. Displays the username of the member who logged each worklog.
3. Displays the description of each worklog written by the user who logged it.
4. Displays the amount of time worked in each worklog.
5. Displays the progress of the issue the worklog is assigned to, i.e. the ratio of the total hours logged and it’s estimated time.
6. Displays the total hours logged on the issue the worklog is assigned to and it’s estimated time.
7. Displays the date of each worklog.
8. When a row in the table is hovered, buttons to edit and delete that worklog are displayed. When these buttons are clicked the user is prompted by the corresponding dialog boxes. See more detail in sections 4.3 and 4.4.
4.3 Edit Dialog

Admins can edit a worklog though a dialog box that appears when he/she clicks the edit button.

The following actions correspond with the annotations on figure 4.3:

1. Displays the ID of the issue the worklog is logged to.
2. Displays the username of the user with that particular log.
3. Required field to insert the amount of hours and minutes worked in this worklog. Defaults to the amount that this worklog is currently registered at.
4. Required field to insert the date of this worklog. Defaults to the date that this worklog is currently registered to.
5. Optional field to insert some description about a worklog. Defaults to the description that this worklog currently has registered.
4.4 Delete Dialog

Users are prompted with a dialog box to confirm a deletion when the delete button is clicked.

![Delete log dialog box](image)

*Figure 4.4: the dialog box for deleting a worklog.*

4.5 Members tab

When the members button is selected, the table displays the total amount of time logged by each selected user on the chosen period.

<table>
<thead>
<tr>
<th>Member</th>
<th>Total logged</th>
</tr>
</thead>
<tbody>
<tr>
<td>SigurvinFrank</td>
<td>8h 0m</td>
</tr>
<tr>
<td>freyr123</td>
<td>8h 0m</td>
</tr>
<tr>
<td>jonati91</td>
<td>8h 0m</td>
</tr>
</tbody>
</table>

*Figure 4.5: the content in the members tab.*
4.6 Issue tab

When the issues button is selected, the table displays the issues in the repository. The table is not affected by the selected users or the selected period.

<table>
<thead>
<tr>
<th></th>
<th>1 Issue</th>
<th>2 Type</th>
<th>3 Milestone</th>
<th>4 Version</th>
<th>5 Status</th>
<th>6 Progress</th>
<th>7 Total logged</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>#3 Typography</td>
<td>bug</td>
<td>new</td>
<td></td>
<td></td>
<td>180%</td>
<td>8h / 5h</td>
</tr>
<tr>
<td>2</td>
<td>#2 SQL injection not working</td>
<td>bug</td>
<td>open</td>
<td></td>
<td>60%</td>
<td>9h / 10h</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>#4 Tables not showing up properly</td>
<td>bug</td>
<td>Phase 1</td>
<td>1.0</td>
<td>new</td>
<td>0%</td>
<td>0h / 0h</td>
</tr>
<tr>
<td>4</td>
<td>#5 CSS Style standardization</td>
<td>enhancement</td>
<td>new</td>
<td></td>
<td>0%</td>
<td>12h / 0h</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>#7 New design for buttons</td>
<td>enhancement</td>
<td>new</td>
<td></td>
<td>0%</td>
<td>16h / 0h</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>#1 Bitbucket issue page</td>
<td>enhancement</td>
<td>Phase 1</td>
<td>1.0</td>
<td>open</td>
<td>100%</td>
<td>180h / 170h</td>
</tr>
<tr>
<td>7</td>
<td>#6 Meetings</td>
<td>task</td>
<td>now</td>
<td></td>
<td>90%</td>
<td>74h / 78h</td>
<td></td>
</tr>
</tbody>
</table>

*Figure 4.6: the content in the issues tab.*

The following actions correspond with the annotations on figure 4.6:

1. Displays the id of each issue and it’s title. When clicked the user is redirected to the issue page corresponding to that issue.
2. Displays the type of each issue.
3. Displays the milestone of each issue.
4. Displays the version of each issue.
5. Displays the status of each issue.
6. Displays the progress of each issue, i.e. the ratio of the total hours logged and it’s estimated time.
7. Displays the total hours logged on each issue and it’s estimated time.
5. Repository worklogs - User

5.1 Overview

When users navigate to the worklogs page of a repository or admins select to view their worklogs in a particular repository, they are shown an overview of their worklogs in that repository. They can filter the worklogs by specifying a time period. They can also choose to navigate to their profile to view all their worklogs, regardless of a repository.

![Diagram of worklogs page](image)

*Figure 5.1: An overview of the worklogs page of a repository for a user*

The following actions correspond with the annotations on figure 5.1:

1. Displays predetermined lengths of periods that can be chosen for the graph. Available lengths can only be clicked. When clicked the length of the period in the graph, the tables and the summary changes corresponding to the selected value.
2.
   a. **Team Worklogs**: Only shown to admins. When clicked the user is shown the worklogs of everybody in the repository. See more detail in section 4.
   b. **Your Worklogs**: Only shown to admins. The button to show this view.
   c. **All your worklogs**: When clicked the user is redirected to the worklogs section of his/her profile page where he/she can see all his/her worklogs, regardless of repositories. See more detail in section 6.

3. **Displays the total logged time in the repository on the chosen period selected in the graph.**

4. **Fields to select the dates marking the beginning and end of the period for which the graph, tables and summary display information.**

5. **When the line on the graph is hovered a tooltip appears displaying more information for the corresponding day.**

6. **Graph displaying how much has been logged on each day by the user for the chosen period.**

7. **Resizable and Slidable section to select the period for which the graph, tables and summary display information.**

8. **Displays the id of the issue the worklog belongs to. When clicked the user is redirected to the issue page corresponding to that issue.**

9. **Displays the description of each worklog written by the user.**

10. **Displays the amount of time worked in each worklog.**

11. **Displays the total hours logged by this user on the issue the worklog is assigned to.**

12. **Displays the date of each worklog.**

13. **When a row in the table is hovered, buttons to edit and delete that worklog are displayed. When these buttons are clicked the user is prompted by the corresponding dialog boxes. See more detail in sections 5.2 and 4.4.**

14. **When these buttons are clicked the corresponding page of the table above is selected.**
5.2 Edit dialog

Users can edit a worklog though a dialog box that appears when he/she clicks the edit button.

![Edit log dialog box](image)

*Figure 5.2: the dialog box for users to edit their own worklog in a specific repository.*

The following actions correspond with the annotations on figure 5.2:

1. Displays the ID of the issue the worklog is logged on.
2. Required field to insert the amount of hours and minutes worked in this worklog. Defaults to the amount that this worklog is currently registered at.
3. Required field to insert the date of this worklog. Defaults to the date that this worklog is currently registered to.
4. Optional field to insert some description about a worklog. Defaults to the description that this worklog currently has registered.
6 Profile worklogs - User

6.1 Overview

When users navigate to the worklogs page on their profile, it displays an overview of the worklogs by the logged in user in all repositories. They can filter the worklogs by specifying a time period.

Figure 6.1: An overview of the worklogs page on the profile site of a user

The following actions correspond with the annotations on figure 6.1:

1. Displays predetermined lengths of periods that can be chosen for the graph. Available lengths can only be clicked. When clicked the length of the period in the graph, the tables below and the summary above changes corresponding to the selected value.
2. Displays the total logged time in the repository on the chosen period selected in the graph.
3. Fields to select the dates marking the beginning and end of the period for which the graph, tables and summary display information.
4. When the line on the graph is hovered a tooltip appears displaying more information for the corresponding day.
5. Graph displaying how much has been logged on each day by the user for the chosen period.
6.Resizable and slidable section to select the period for which the graph, tables and summary display information.
7. Displays the id of the issue the worklog belongs to. When clicked the user is redirected to the issue page corresponding to that issue.
8. Displays name of the repository each worklog is logged on.
9. Displays the description of each worklog written by the user.
10. Displays the amount of time worked in each worklog.
11. Displays the total hours logged by this user on the issue the worklog is assigned to.
12. Displays the date of each worklog.
13. When a row in the table is hovered, buttons to edit and delete that worklog are displayed. When these buttons are clicked the user is prompted by the corresponding dialog boxes. See more detail in sections 6.2 and 4.4.
14. When these buttons are clicked the corresponding page of the table above is selected.
6.2 Edit Dialog

Users can edit a worklog though a dialog box that appears when he/she clicks the edit button.

![Edit log dialog box](image)

Figure 6.2: the dialog box for users to edit their own worklog on their profile site.

The following actions correspond with the annotations on figure 6.2:

1. Displays the ID of the issue this worklog is logged on.
2. Displays the name of the repository this worklog is logged on.
3. Required field to insert the amount of hours and minutes worked in this worklog. Defaults to the amount that this worklog is currently registered at.
4. Required field to insert the date of this worklog. Defaults to the date that this worklog is currently registered to.
5. Optional field to insert some description about a worklog. Defaults to the description that this worklog currently has registered.