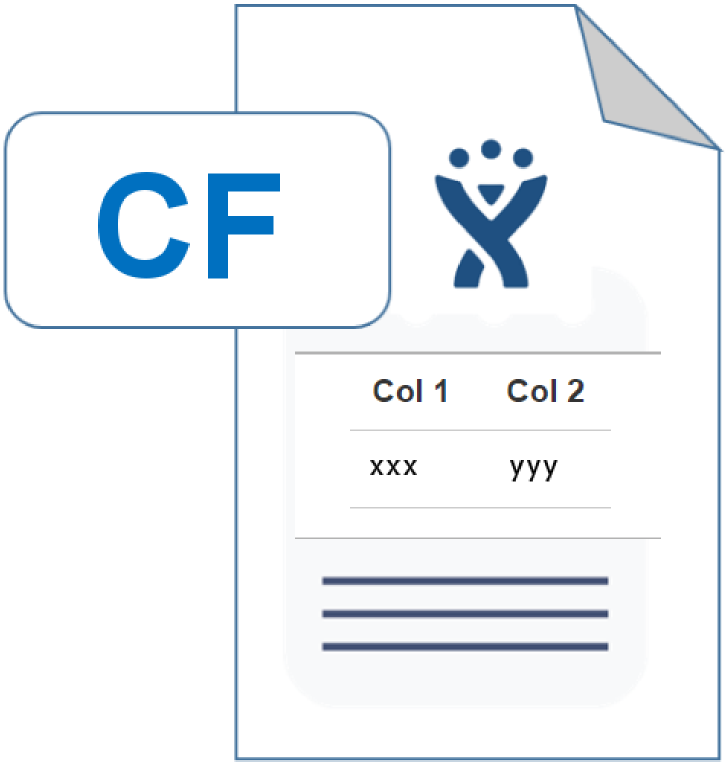
User Guide
v1.1.0



SQL for JIRA Custom Fields

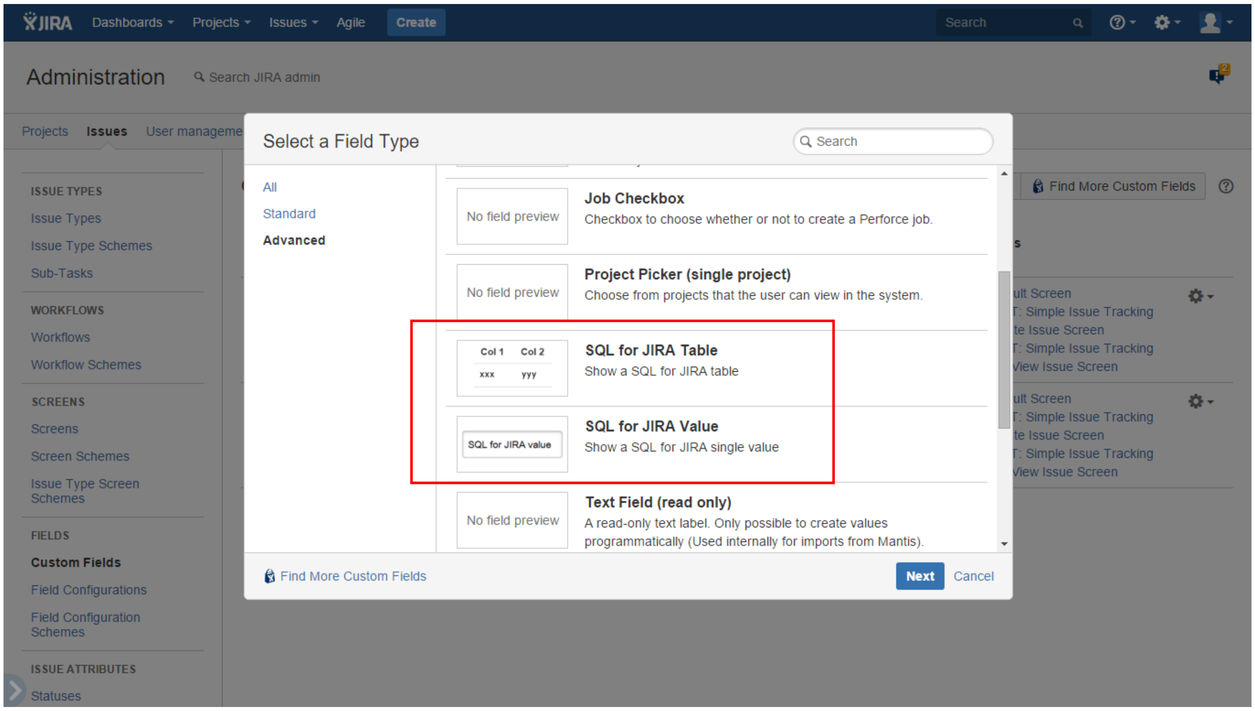
Contents

Introduction

It provides two new custom field types:

- SQL for JIRA Value
- SQL for JIRA Table

which allow to display data by using the SQL for JIRA plugin.



Select a Field Type

Job Checkbox
Checkbox to choose whether or not to create a Perforce job.

Project Picker (single project)
Choose from projects that the user can view in the system.

SQL for JIRA Table
Show a SQL for JIRA table

SQL for JIRA Value
Show a SQL for JIRA single value

Text Field (read only)
A read-only text label. Only possible to create values programmatically (Used internally for imports from Mantis).

SQL for JIRA Value

Given a SQL for JIRA query, it shows the first column in the SELECT clause on a Text custom field by replacing the ? symbol with the contextual Issue Key.

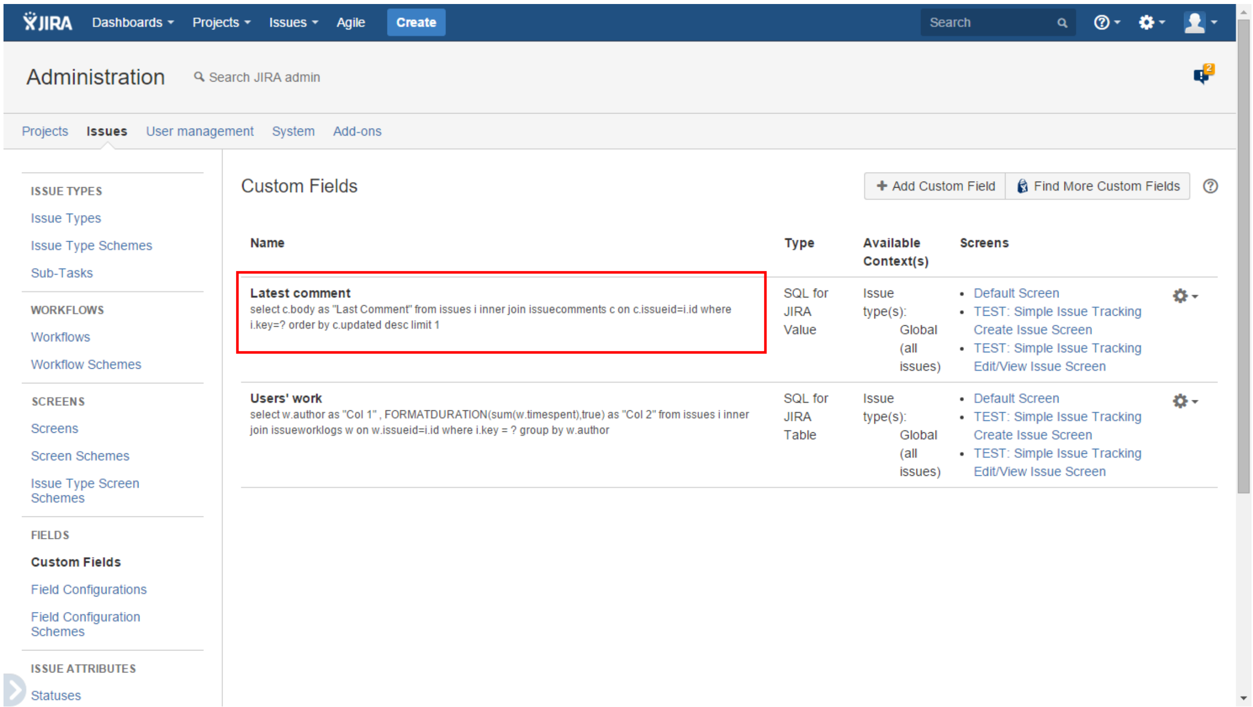
For example:

```
select c.body as "Last Comment"

from issues i inner join issuecomments c on c.issueid=i.id

where i.key=? order by c.updated desc limit 1
```

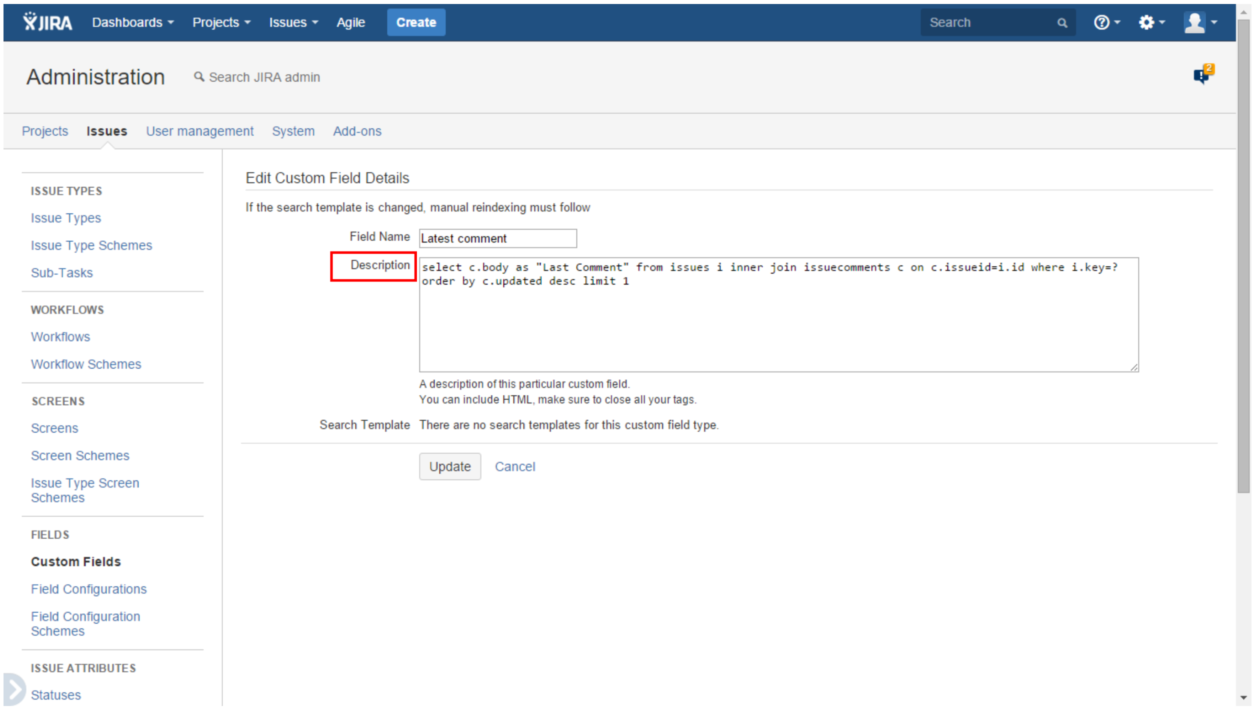
The SQL query must be defined in the Custom Field **Description** when it is created:



Custom Fields

Name	Type	Available Context(s)	Screens
Latest comment select c.body as "Last Comment" from issues i inner join issuecomments c on c.issueid=i.id where i.key=? order by c.updated desc limit 1	SQL for JIRA Value	Issue type(s): Global (all issues)	Default Screen TEST: Simple Issue Tracking Create Issue Screen TEST: Simple Issue Tracking Edit/View Issue Screen
Users' work select w.author as "Col 1" , FORMATDURATION(sum(w.timespent),true) as "Col 2" from issues i inner join issueworklogs w on w.issueid=i.id where i.key = ? group by w.author	SQL for JIRA Table	Issue type(s): Global (all issues)	Default Screen TEST: Simple Issue Tracking Create Issue Screen TEST: Simple Issue Tracking Edit/View Issue Screen

It can be modified by clicking on the **Edit** option of the Custom Field:



Edit Custom Field Details

If the search template is changed, manual reindexing must follow

Field Name: Latest comment

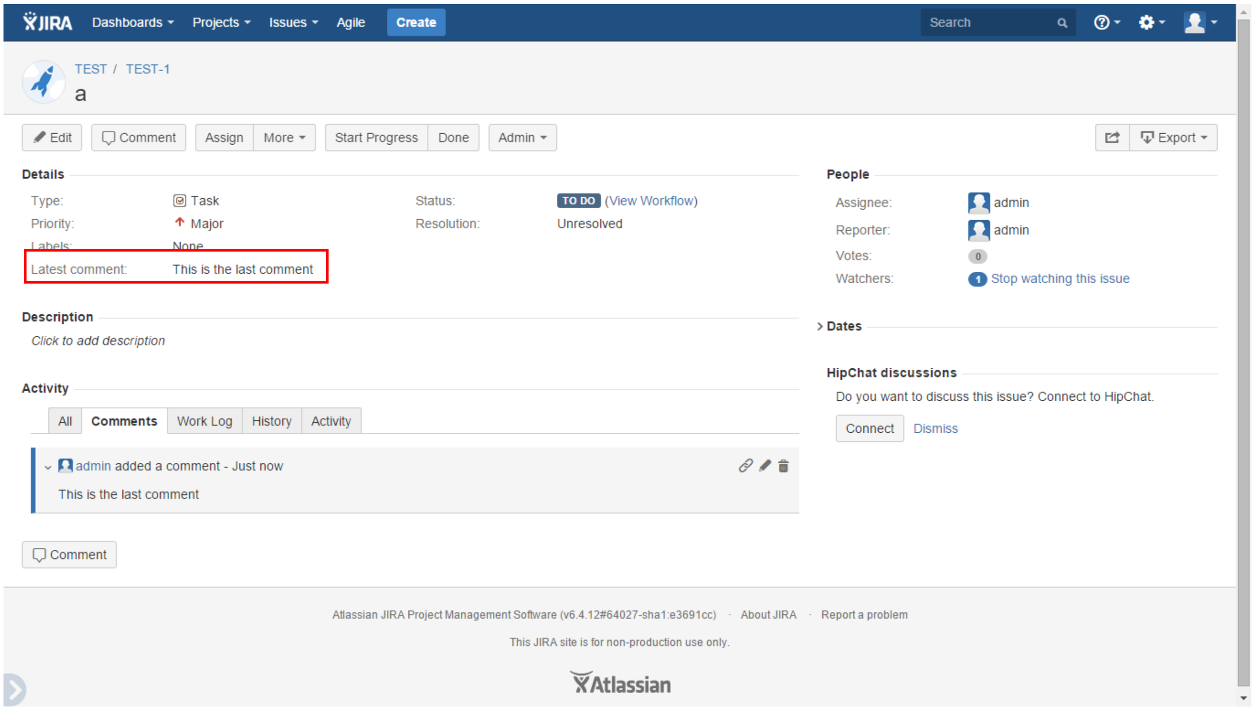
Description:

```
select c.body as "Last Comment" from issues i inner join issuecomments c on c.issueid=i.id where i.key=?
order by c.updated desc limit 1
```

A description of this particular custom field.
You can include HTML, make sure to close all your tags.

Search Template: There are no search templates for this custom field type.

The custom field is not editable by the users, therefore just the same SQL query is shared among all the issues.



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a

Details

Type:	Task	Status:	TO DO (View Workflow)
Priority:	Major	Resolution:	Unresolved
Labels:	None		
Latest comment:	This is the last comment		

People

Assignee:	admin
Reporter:	admin
Votes:	0
Watchers:	1 Stop watching this issue

Description

Click to add description

Dates

HipChat discussions

Do you want to discuss this issue? Connect to HipChat.

Activity

admin added a comment - Just now

This is the last comment

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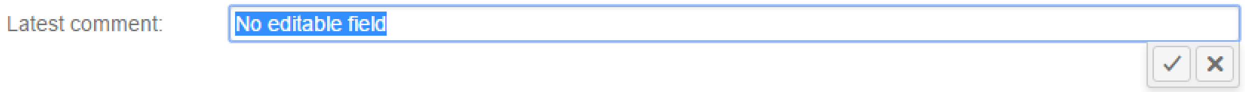
This JIRA site is for non-production use only.

If it has not been defined as read only and a user tries to edit it, then the "**No editable filed**" message below will be shown:

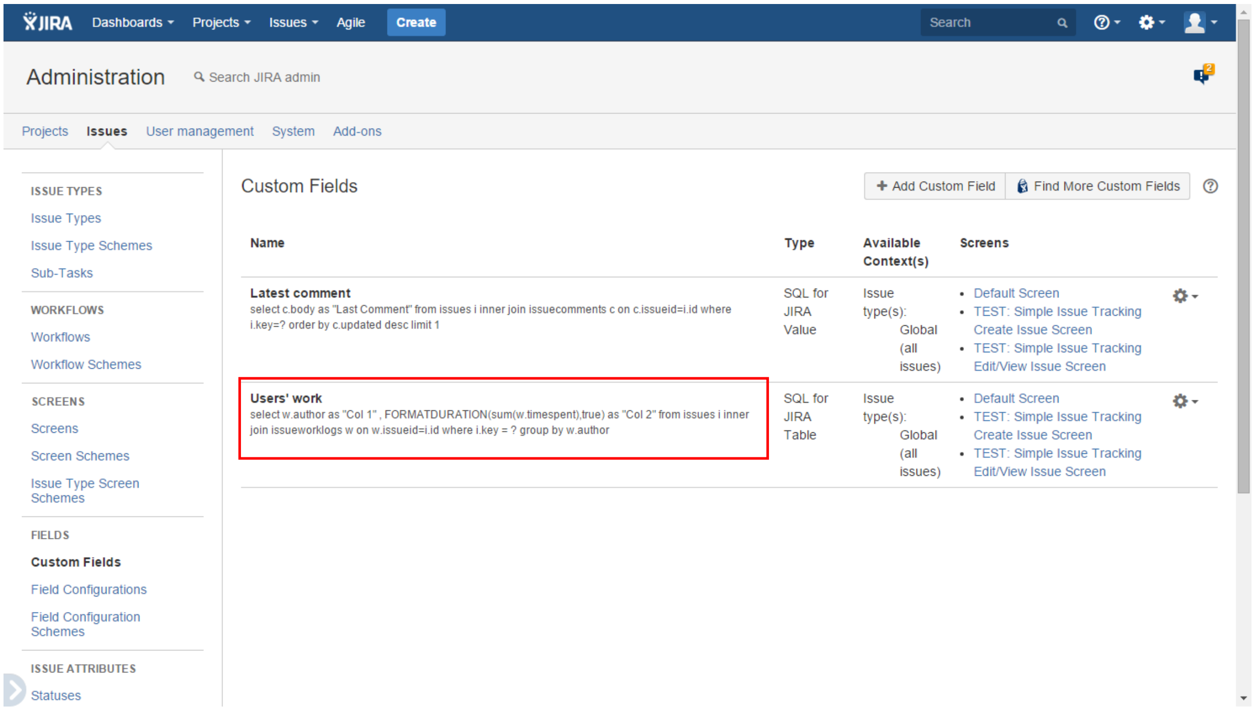


Latest comment: No editable field

And the SQL query will remain un-modified regardless the user's action.

SQL for JIRA Table

It works similarly to the *SQL for JIRA Value* table. It has also to be defined in the Custom Field Description, just the same SQL query is shared among all the issues and the users cannot modify them.



Custom Fields

Name	Type	Available Context(s)	Screens
Latest comment select c.body as "Last Comment" from issues i inner join issuecomments c on c.issueid=i.id where i.key=? order by c.updated desc limit 1	SQL for JIRA Value	Issue type(s): Global (all issues)	Default Screen TEST: Simple Issue Tracking Create Issue Screen TEST: Simple Issue Tracking Edit/View Issue Screen
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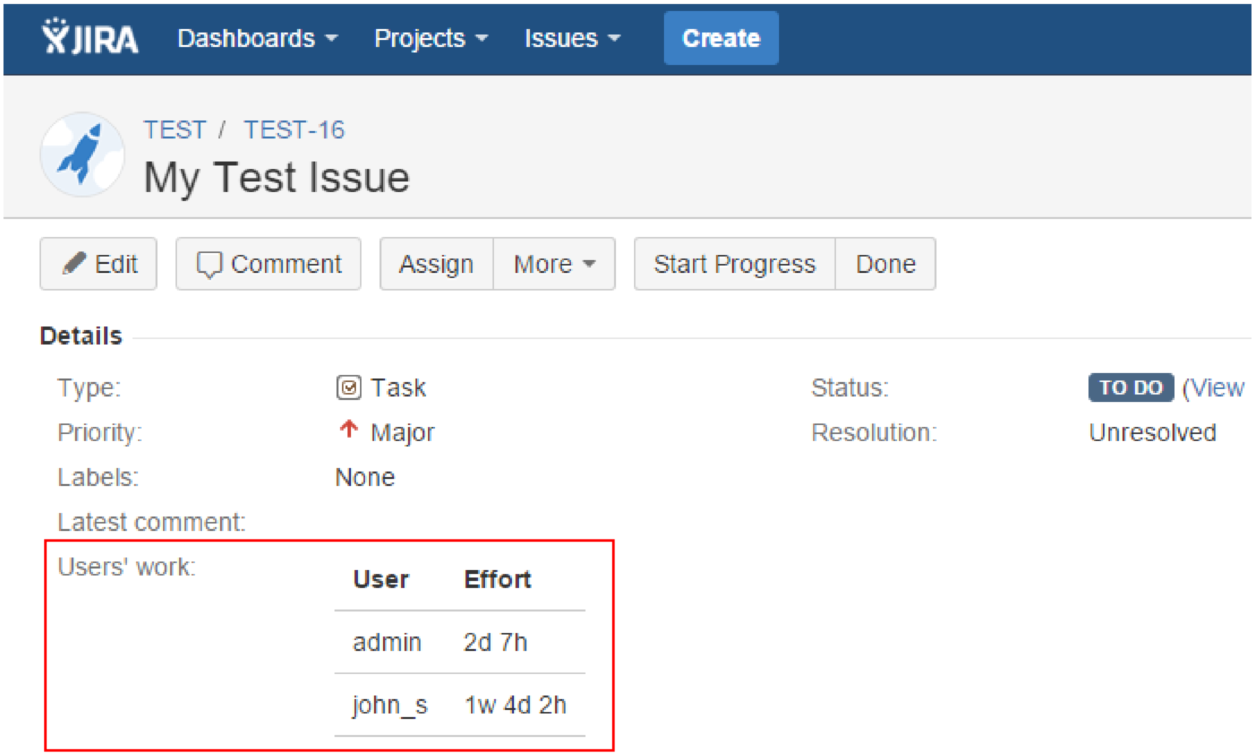
Given a SQL for JIRA query, the ? symbol is replaced with the contextual issue key and all the columns in the SELECT clause will be displayed on the Issue’s custom field.

Example:

```
select w.author as "User" , FORMATDURATION(sum(w.timespent),true) as
"Effort"

from issues i inner join issueworklogs w on w.issueid=i.id

where i.key = ? group by w.author
```



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My Test Issue

Details

Type: Task

Priority: Major

Labels: None

Latest comment:

Status: TO DO (View

Resolution: Unresolved

Users' work:

User	Effort
admin	2d 7h
john_s	1w 4d 2h

Parameter substitution

Standard Java Prepared Statement Parameter

Since the 1.1.0 version the ? prepared statement parameter become optional. If it is present then it will be replaced by the issue key at runtime.

Ex:

```
select S.key as “Subtask” from issues P inner join issuesubtasks S on
S.parentid=P.id where P.id=?
```

The query above could be used to list all the subtasks in a Custom Field.

The ${key} parameter

The case sensitive **${key}** parameter can be used for JQL queries.

Example:

```
select key from issues where jql=’issue = ${key}’
```

It would also list the subtasks of the issue.