

How to send a notification on Jira field change

One of the most popular use-cases for Raley Email Notification is sending a message when a particular field in issue is changed.

The screenshot below shows how to configure a notification that triggers when Priority And/Or Assignee is changed.

Notification configuration

The screenshot shows the configuration interface for a Raley Email Notification. It includes the following fields and options:

- Name:** A text input field containing "Testing priority change".
- Enabled:** A checkbox that is checked, with a blue checkmark icon. Below it, a note says: "You can temporary disable this notification if necessary".
- Audit enabled:** An unchecked checkbox. Below it, a note says: "When audit is enabled, each message sent with this configuration is saved as a comment to related JIRA issue".
- JIRA Event:** A dropdown menu showing "Issue updated". Below it, a note says: "When this event happens in JIRA - we'll send you a notification, or you can define your custom scheduler".
- Projects:** A text input field with "Any project" and a close button (x).
- Issue types:** A text input field with "Any issue type" and a close button (x).
- Fields updated:** A text input field with "Priority" and "Assignee", each with a close button (x).
- JQL Rule:** An empty text input field. Below it, a note says: "Additional JQL criteria the issue must match (Mandatory when Custom scheduled). Also, please make sure Raley notifications add-on has permissions to query your JIRA (managed through user management menu)".

It is possible to even further customise the condition when notification fires by adding extra conditions to JQL rule.

For instance, if we want to make sure that the notification is triggered only for issues in sprints that are currently open, you can specify JQL rule as **sprint in openSprints()**

You can also impose a fine-grained controls on the actual values of the fields changed to make decision whether to fire the notification. For example, if we want to notify only when Priority value is High or Highest, then you can

use the following expression in your Template:

```
#foreach ($item in $!issue.lastchange.items)
  #if ($item.toString == "High" or $item.toString == "Highest")
    This issue has High or Highest priority. Please take immediate action!
  #end
#end
```

And the final example demonstrates on how to make notification work only for user whose email is joed@company.com and priority was changed from Low to Medium:

```
#foreach ($item in $!issue.lastchange.items)
  #if ($item.fromString == "Low" and $item.toString == "Medium" and $issue.fields.assignee.emailAddress == "joed@company.com")
    Joe, this issue has increased the priority. Please take have a look!
  #end
#end
```

