

# Automation for Jira

## 作用

Automation for Jira使您能够专注于重要的工作，通过允许团队根据规则 自动执行相关流程或者事务处理，消除了手工执行重复任务的需要。

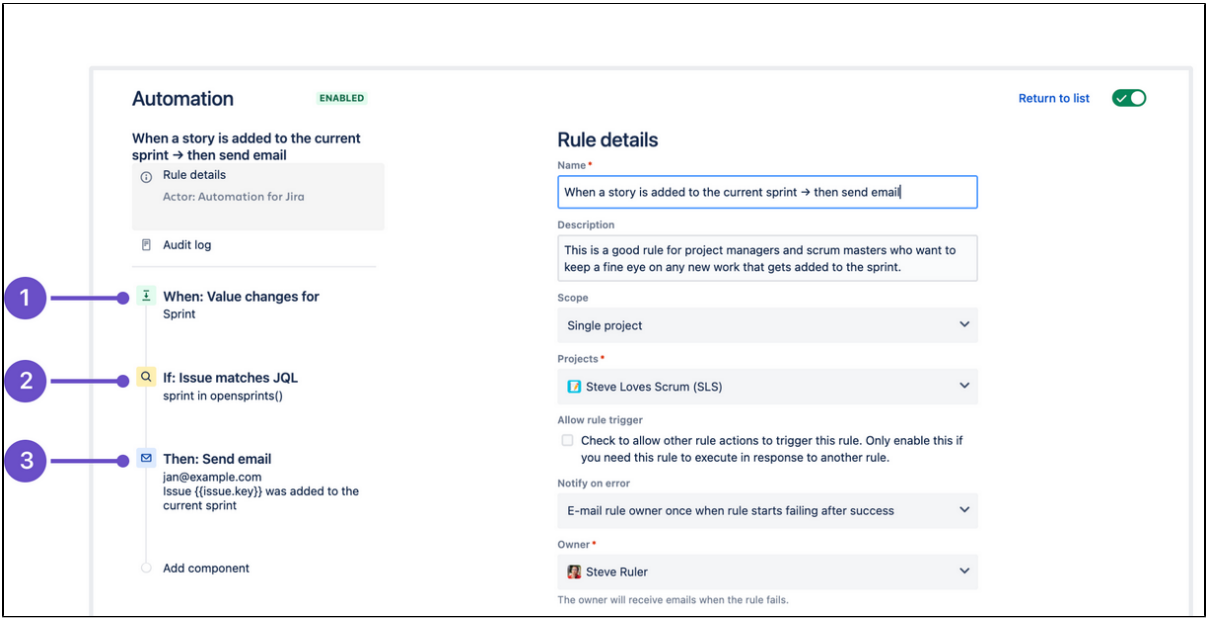
## 主要概念

### 规则

规则允许根据设置的条件自动执行系统中的操作。

自动化规则由三部分组成：

- 启动规则的触发器 (triggers)
- 完善规则的条件conditions
- 执行的任务actions



### 触发器triggers

每一条规则都是从一个触发器开始的。触发器监听Jira中的事件。

触发器可以设置为按计划运行，并且可以在应用于规则之前进行自定义。

触发器可以夸项目使用。

## Automation

[Return to list](#)

Automation rules allow you to automate repetitive tasks based on criteria that you set. Here you can manage existing rules and create new ones. [Learn more about automation](#)

NEW

Rule details

New trigger

Select an event or schedule.

Add component

New trigger

Triggers start the execution of a rule. Triggers can listen for events or be scheduled to run.

All triggers

Start typing to filter components

Recommended

Field value changed

Rule is run when an issue's field value changes. [POPULAR](#)

Issue commented

Rule is run when a comment is added to an issue. [POPULAR](#)

Issue created

Rule is run when an issue is created. [POPULAR](#)

Issue transitioned

Rule is run when an issue is transitioned through its workflow. [POPULAR](#)

All components

Field value changed

Rule is run when an issue's field value changes.

Incoming webhook

Rule executes when a HTTP POST is received.

Issue assigned

Rule is run when an issue is

Issue commented

Rule is run when a comment is

## 条件conditions

条件允许缩小规则的范围。必须满足这些条件，规则才能继续运行。例如，可以将规则设置为仅在问题具有高优先级时升级该问题。如果条件失败，则规则将停止运行，并且不会执行该条件之后的任何操作。

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NEW

Rule details

When: Value changes for

Priority

If: New condition

Select a condition to narrow the scope of your rule.

Add component

New condition

Actions will only execute if all conditions preceding them pass.

Recommended

Issue fields condition

Check whether an issue's field meets a certain criteria [POPULAR](#)

All components

Advanced compare condition

Compares two values: `{{issue.status.name}}` equals Done

If / else block

Perform different actions using if, else-if and else to control the flow.

Issue attachments

Checks if issue attachments exist or don't exist

Issue fields condition

Check whether an issue's field meets a certain criteria

JQL condition

Checks if issue matches JQL: `priority > Medium`

Related issues condition

Check if related issues exist or match JQL.

## 操作actions

操作是你规则的执行者。它们允许自动执行任务并在JIRA系统中进行一系列的业务处理，它们允许执行许多任务，例如编辑问题、发送通知或创建子任务。

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NEW

Rule details

When: Value changes for Priority

If: Status is one of Triage

Then: New action  
Select an action to perform.

Add component

New action

Actions perform changes to a system.

All actionsStart typing to filter components

Recommended

Create issue  
Creates a new issue in a given project. **POPULAR**

Edit issue  
Update certain issue fields. **POPULAR**

Transition issue  
Transition an issue to a specific status. **POPULAR**

Send email  
Sends an email to a given address. **POPULAR**

Issue actions

Assign issue  
Select a user to assign the issue to.

Clone issue  
Clones the issue into a given project.

Comment on issue  
Add a comment to an issue.

Create issue  
Creates a new issue in a given project.

## 分支机构/相关问题Branching / Related issues

在JIRA的事务处理中很少会是单个问题。它们通常包含子任务，或者是一个Epic的子任务，或者只是使用某些关系（issue link）与其他问题联系在一起。这意味着，在使用自动化时，操作通常不仅需要应用于触发规则的当前问题，还需要应用于与当前问题有关的其它问题。

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Rule details

When: Manually triggered  
All logged in users can run rule.

For Sub-tasks

Add component

Branch rule / related issues

Please note that related issues will be restricted to the current project if this is a project specific rule. If you need to action related issues in a different project please configure a global automation rule in global administration.

Type of related issues \*  
Sub-tasks

Parent  
Finds the parent issue of the sub-task that triggered this rule.

Stories (or other issues in Epic)  
If the issue that triggered this rule is an Epic, then lets loop over all the issues in this Epic.

Epic (parent)  
Finds the parent Epic of the story that triggered this rule.

All created issues  
Applies further conditions and actions to all issues that were created by a previous action in this rule.

Most recently created issue  
Applies further conditions and actions to the last issue created by a previous action in this rule.

Linked issues

## Smart Value

Smart Value是占位符，也可以叫变更值，它可以从上下文中获得与之有关的动态数据，可以使用他们进行数据相关的计算。

comment on issue transition

Rule details

Audit log

When: Issue transitioned

TO

In Progress

Then: Add comment to issue

Hi {{reporter.displayName}} We're now looking into your issue

{{issue.summary}} We'll get back to

Add component

Comment on issue

Please enter the comment to add:

Comment

Hi {{reporter.displayName}} 1

We're now looking into your issue {{issue.summary}} 2

We'll get back to you soon with an update

{{assignee.displayName}} 3

☒ Prevent duplicates by only adding this comment once to a particular issue.

> More options

Save

Cancel

> How do I access issue data in my comment?

## 规则参与者(rule actor)

规则参与者是执行规则的人。就像任何其他Jira用户一样，规则参与者必须具有相关权限才能完成操作或触发规则。例如，如果您的规则包含“注释”问题操作，则规则参与者必须具有“添加注释”权限，否则该规则将导致错误。最好的做法是创建具有适当权限的规则参与者，如“自动机器人”，而不是项目中指定的一个账户。

## 规则状态Rule status

主要标签当前规则 是否启用，目前可分为以下3种：

1. **ENABLED** 启动
2. **DISABLED** 禁用
3. **DRAFT** 有修改未发布

## 审核日志

每个规则都有一个审核日志，可以在其中查看规则何时被触发、执行的最终结果以及可能应用的任何操作。可以在单个规则、项目范围或全局级别查看审核日志。