

Get started

xCharts is a charting app that allows to generate **custom charts & reports** directly within Jira to **visualize project and issue analysis**. New charts can easily be created in no time by using **chart & report templates**. Furthermore, these templates can be expanded by just **scripting own charts** using Groovy and Javascript.

Install xCharts

Install **xCharts** directly from your Jira instance.

You need to be a Jira administrator to install apps!

1

Click on the **cog** icon on the top right bar and select **Manage apps**

2

The Atlassian Marketplace will be displayed, in the search bar type in **xCharts**

3

The app will appear on the list, click on **Install** and then **Accept & install**.

Administration Search Jira admin

Applications Projects Issues **Manage apps** User management Latest upgrade report System

ATLASSIAN MARKETPLACE

Find new apps

Manage apps

JIRA WORKFLOW TOOLBOX

Automation rules

Import rules

Expression Parser Test

Calendars

Configuration

Expression parser test page

Calendars

Configuration

XAPPS LIBRARY CONFIGURATION

Automation rules

Import rules

Expression Parser Test

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Expression parser test page

Calendars

Configuration

Atlassian Marketplace for JIRA

Discover powerful apps compatible with your JIRA version via the Atlassian Marketplace. [Manage apps](#).



Jira Workflow Toolbox

The best-rated Jira app and all-in-one toolbox for limitless workflow customization, process automation and live data display

TRY NOW

APPS BY DECADIS Gold Marketplace Partner

xCharts

Search results All categories All paid & free

xCharts - Custom Charts & Reports

Decadis AG • Supported by vendor

★★★★★ (20)

227 installations

Paid via Atlassian

[CHARTS & DIAGRAMMING](#) [DASHBOARD GADGETS](#) [JIRA SERVICE DESK](#)

[JIRA SOFTWARE](#) [PROJECT MANAGEMENT](#) [REPORTS](#)

THE lightweight yet powerful solution for charts and reports in Jira! Use live-charts on dashboards, create custom charts and reports in one of the numerous built-in templates to visualize project- and issue analysis.

4

After the installation, a **charts tab** will appear on your Jira's navigation bar and you're ready to [get started!](#)

If you still have questions, feel free to refer to our [support team](#).

First steps

xCharts is a charting app that allows generating **custom charts & reports** directly within Jira to **visualize projects and issue analysis**. New charts can easily be created in no time by using **chart & report templates**. Furthermore, these templates can be expanded by just **scripting your own charts** using Groovy and Javascript.

After [installing](#) xCharts, a **charts tab** will appear on your Jira's navigation bar:

Jira Administration page showing the Atlassian Marketplace for Jira. The main content area displays the "Jira Workflow Toolbox" app by Decadis AG, which is a highly-rated app for workflow customization and automation. The app is available for free and has 229 installations. The sidebar on the left lists various Jira administration tasks, including finding new apps, managing apps, and configuring workflows.

Get to know xCharts

Chart browser

The Chart browser can be used for browsing through all created charts, grouped by:

- **Favorites:** Lists all charts that are marked as favorite
- **Configured charts:** Lists all saved chart configurations based on **Built-in charts**.
- **Custom charts:** Lists all saved chart configurations based on **Scripted charts**.
- **Built-in charts:** Lists all built-in charts where no configuration is needed

xCharts - Custom Charts & Reports for JIRA

Chart Browser

Get Help

Favorites
 Configured Charts
 Custom Charts
 Built-In Charts

Chart Browser

CHARTS

Charts

Chart Templates

ADMINISTRATION

Chart Data Scripts

Chart Layout Scripts

Resources

Manage Permissions

Issue chart

1 2 3

Status	Percentage
Open	61.0%
In Progress	8.5%
Resolved	8.5%
To Do	15.3%
Done	6.8%

Open
 In Progress
 Resolved
 To Do
 Done

Additionally, it is possible to:

1. Open the chart in a new tab
2. Edit the chart configuration
3. Export the chart as PNG or SVG.

Charts

Here are all charts listed that can be viewed by the current user. If he does not have the required [permission](#), the chart won't be shown.

Charts can be viewed by clicking on the chart name.

Favorite: Shows whether a chart is marked as favorite or not.

Available chart types:

- **Built-in chart:** A [built-in chart](#) where no parameters are needed.
- **Configured chart:** A chart based on a [template](#).
- **Scripted chart:** A chart based on a [Chart data script](#).

The screenshot shows the xCharts interface. The top navigation bar includes links for Dashboards, Categories, Projects, Issues, Boards, xPort, and Charts, along with a 'Create' button and a search bar. The main header area displays the xCharts logo and the text 'xCharts - Custom Charts & Reports for JIRA'. A sidebar on the left contains a 'Chart Browser' section with links to CHARTS, Chart Templates, ADMINISTRATION, Chart Data Scripts, Chart Layout Scripts, Resources, and Manage Permissions. The 'Charts' section is highlighted. The main content area, titled 'Charts', states 'All configured Charts are listed here. These configured charts can be used in Dashboard Gadgets.' and features a search bar. Below the search bar is a table listing various charts.

F	Name	Creator	Type	Actions
☆	Customers in a Google Map	Admin Istrator	Scripted Charts	...
☆	External Database	Admin Istrator	Scripted Charts	...
☆	Group By Assignee in project TIS	Admin Istrator	Configured Chart (Group By Chart)	...
★	Marketing Issues half year	Admin Istrator	Configured Chart (Issue Chart)	...
★	Time in Status (Chart)	Admin Istrator	Configured Chart (Time In Status)	...
☆	Top 10 Commenter Top 10 Commenter	Built-In Chart	Built-In Chart	...
☆	Top 10 Reporter Top 10 Reporter	Built-In Chart	Built-In Chart	...

Chart templates

This page gives you an overview about all **configurable built-in & scripted charts**. New charts can be created by clicking the **+** button.

xCharts adds a "Charts" tab to the project navigation providing quick and easy access to relevant charts relevant for the project, e.g. **Tickets over Time**.



Favorite charts

When marking a chart as favorite chart, it will be available in the **drop-down menu** on the "Chart browser" page and in the drop-down "Charts" menu in the **Jira top navigation bar**.

The screenshot shows the xCharts - Custom Charts & Reports for JIRA interface. The top navigation bar includes links to Dashboards, Categories, Projects, Issues, Boards, xPort, Charts (highlighted), and a Create button. The main content area is titled "Charts" and contains a search bar and a table of configured charts.

F	Name	Creator	Type	Actions
☆	Customers in a Google Map	Admin Istrator	Scripted Charts	...
☆	External Database	Admin Istrator	Scripted Charts	...
☆	Group By Assignee in project TIS	Admin Istrator	Configured Chart (Group By Chart)	...
★	Marketing Issues half year	Admin Istrator	Configured Chart (Issue Chart)	...
★	Time in Status (Chart)	Admin Istrator	Configured Chart (Time In Status)	...
☆	Top 10 Commenter Top 10 Commenter	Built-In Chart	Built-In Chart	...
☆	Top 10 Reporter Top 10 Reporter	Built-In Chart	Built-In Chart	...

Glossary

Built-in chart: Chart that is bundled in the plugin (configurable or not)

Scripted chart: Chart created by users, written in [Groovy Script](#).

Javascript layout: The JS function that generates the [c3.js](#) chart and displays it.

If you still have questions, feel free to refer to our [support team](#).

Create your first chart

Creating a brand new chart can easily be done by using one of the many **built-in templates**.

1

Head over to the new tab **Charts Chart templates** and click on the **+** button under **actions**:

The screenshot shows the xCharts - Custom Charts & Reports for JIRA interface. The top navigation bar includes 'DECADIS APPS', 'Dashboards', 'Project Shuttle', 'Projects', 'Issues', 'Boards', 'xPort', 'Charts', and a 'Create' button. The left sidebar lists 'Chart Browser', 'CHARTS', 'Charts', 'Chart Templates' (highlighted), 'ADMINISTRATION', 'Chart Data Scripts', 'Chart Layout Scripts', 'Resources', and 'Manage Permissions'. The main content area is titled 'Built-In Charts or Scripted Charts that can be configured' and features a search bar and a 'Filter' button. Below this, there are four chart templates listed in a table-like format:

Name	Chart Preview	Parameters	Chart
Business Hours Shows when issues occurs and are resolved during working hours.		<ul style="list-style-type: none">• JQL• Unit• Date Field• Target value• Live parameters	Built-
Chronological Worklog Chart (Grouped by Issue Attribute) Shows the amount of logged work.		<ul style="list-style-type: none">• JQL• Chart Type• Time Period• Group By• Number of grid lines• Target value• Live parameters	Built-
Group By Chart Show any issues grouped by any value.		<ul style="list-style-type: none">• JQL• Group By X• Group By Y• Chart Type• Value• Accumulate Groups• Accumulate Values• Show labels on data points• Target value• Live parameters	Built-
Group By Report Show any issues group by any value.		<ul style="list-style-type: none">• JQL• Group By X• Group By Y• Value• Live parameters	Built-

2

On the upcoming page, the chart can be **configured according to the specific needs** by e.g. entering a JQL or selecting a Field to be summed up.

After setting the chart up it can be previewed by hitting **"Chart preview"**.

Finally, the chart can be saved by clicking on **"Save as chart"**.


 xCharts - Custom Charts & Reports for JIRA

Chart Configurator

Chart Browser

CHARTS

Charts

Chart Templates

ADMINISTRATION

Chart Data Scripts

Chart Layout Scripts

Resources

Manage Permissions

New Configuration

Chart Template: Business Hours

JQL: project = xCharts-TP-2

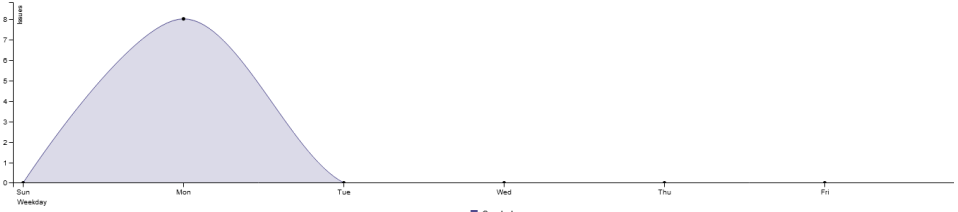
Unit: Daily Hours Weekdays

Date Field: Created x

Target value:

Options: ☐ Live parameters

Chart Preview Save as Chart Cancel



Created

Created charts can then be **accessed by** either going to the **"Chart browser"** or by clicking **"Charts"** in the sidebar.

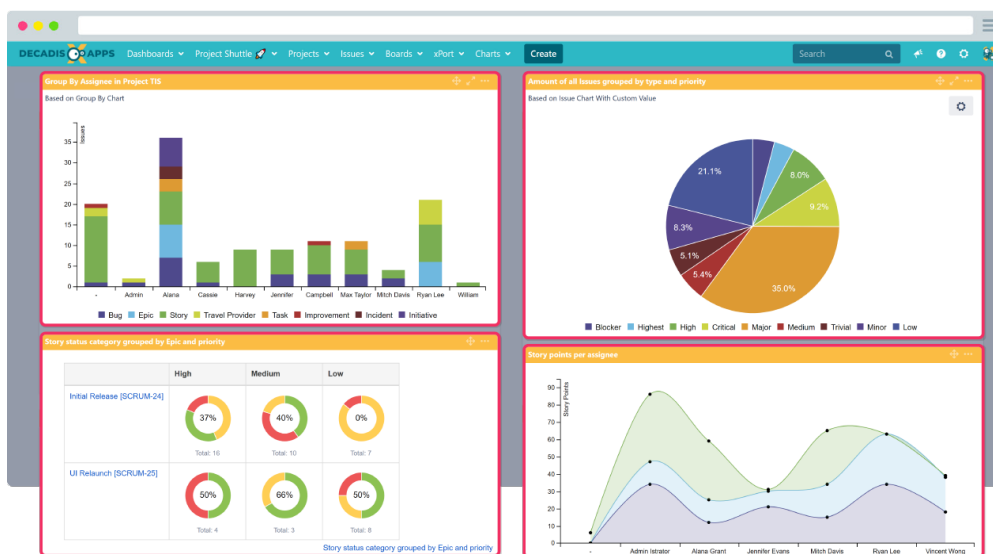
If you still have questions, feel free to refer to our [support team](#).

Highlights

Built-in chart templates for every need

The presentation of data is so essential that no user should need programming skills to visualize the company, project, or issue data. And you don't have to!

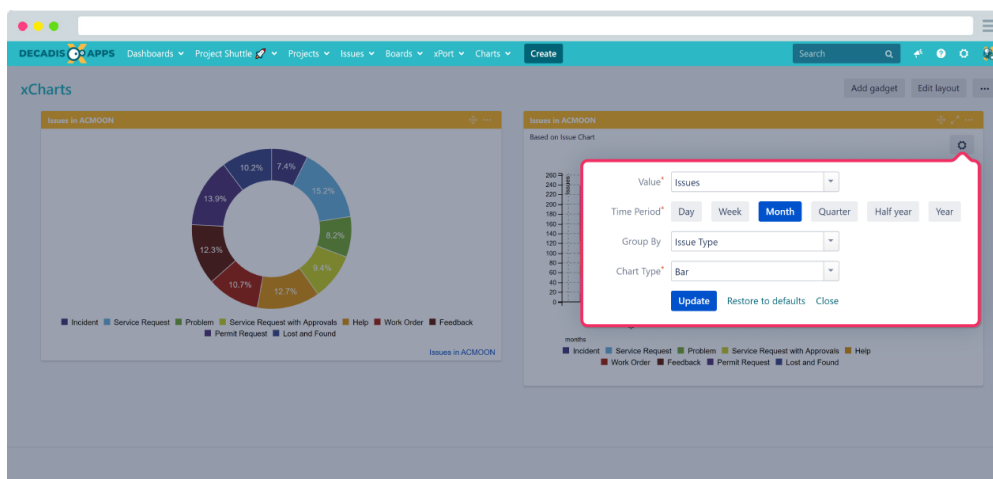
- The choice is yours - choose from more than a dozen templates to let your data shine.
- Something for every taste - layouts range from pie charts to multiple types of bars, tables, and line charts.
- Just a click away - easily manage created charts and templates using the [chart browser](#) directly from the Jira top menu navigation.



Dashboard gadgets with static and live configuration

Two [gadgets](#) are enough for all the charts in the world. And that's exactly the amount of gadgets that come with xCharts for Jira. They complement each other to satisfy the entire range of your reporting needs.

- Play it safe - use our standard dashboard gadget for static display of charts on as many dashboards as you like.
- Designed for interaction - use the xChart Gadget+ to enhance the built-in charts with configurable parameters directly on the dashboard.
- Works in Confluence - use our standard gadget on any Confluence page to visualize Jira content and break down the reporting data silo.

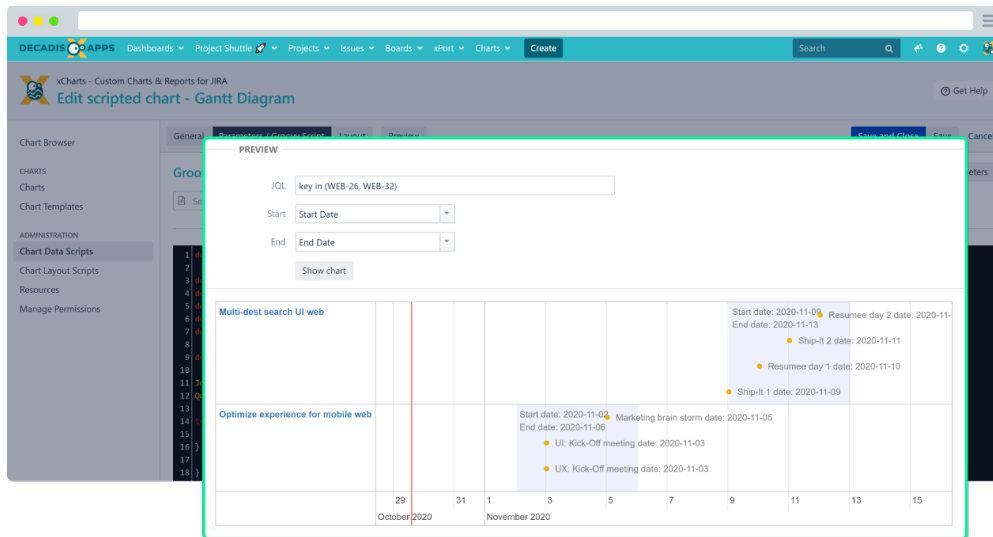


Scripting capabilities for custom charts to go beyond

There is no single diagram that works for all reporting needs. Implement your own custom data visualization using Groovy scripts. Build them from scratch or modify existing templates and create highly customizable diagrams ranging from fully parameterized charts to pre-defined charts offering more guidance and leaving less room for misconfiguration - nothing is impossible!

- Smart and beautiful - the support of the C3.js library opens up extensive customization possibilities.

- Extend and brand - Add your own resources like Javascript libraries or CSS files for reusing them across charts and additional customizing options.
- Connect the dots - pull in data from external sources like databases or web services.



Advanced permission management

A straightforward and simple [permissions management](#) helps you meet all your users' needs while granting privileges based on their abilities. This is just an option - not an obligation.

- Reporting only - Grant access to configured charts in the chart browser and the dashboards gadgets.
- Contributors welcome - Enable users to create new charts from templates to meet new requirements.
- The real reporting MVP - Create scripted charts and make them available as templates for further use.

The screenshot displays the 'Manage Permissions' section of the xCharts interface. It is divided into two main panels: 'Global Chart Permissions' and 'Specific Chart Permission'. The 'Global Chart Permissions' panel includes sections for 'General Permission' (with 'View Permission' and 'all logged in users' options), 'View Permission' (with 'Users' and 'Groups' dropdowns), 'Write Permission' (with 'Users' and 'Groups' dropdowns), and 'Scripted Charts Permissions' (with 'Users' and 'Groups' dropdowns). The 'Specific Chart Permission' panel shows details for a specific chart named 'Amount of all issues grouped by type', including its 'Type' (ChartSettings), 'Created' date (Tue, Oct 20, '20), and 'Creator' (Admin Istrator). It also has 'General Permission', 'View Permission', and 'Write Permission' sections with dropdowns for 'Users' and 'Groups'. A 'Save' button is at the bottom right.

Publishing and migrating charts & reports

xCharts for Jira is designed as an open system. Scripted charts can be easily moved between instances with built-in functionality. In addition, you can take advantage of the expressiveness of your charts to enhance documents and presentations by simply [exporting](#) them to graphic files.

- Test and deploy - easily migrate your chart scripts between instances as scripted chart bundles.

- Show and tell - export charts and reports as PNG and SVG graphic file formats from the chart browser.
- Need inspiration? Download as many chart examples as you like from our documentation - at no cost.

