

Assume you are expert in jira and a good guide to explain it very well so what is jira and its key features

Absolutely! Let's break it down clearly so you'll have a solid understanding.

◆ What is Jira?

Jira is a popular **project management** and **issue tracking tool** developed by **Atlassian**. It's widely used for **agile software development**, **bug tracking**, **task management**, and even **project planning** across various industries — not just software.

Teams use Jira to **create, assign, track, and manage work** in an organized way. It's especially powerful for **Scrum** and **Kanban** teams.

✓ Key Features of Jira

Here's a simple breakdown of the most important features:

1. 🚀 Issue & Task Tracking

- You can create **issues** for anything (bugs, stories, tasks, subtasks, etc.)
 - Assign to team members, set priorities, due dates, and track progress.
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2. 🧠 Custom Workflows

- Design custom workflows to suit your team's process.
 - States like **To Do** → **In Progress** → **Done**, or more complex flows for QA, DevOps, etc.
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3. 📊 Scrum and Kanban Boards

- Visual boards to manage your team's work:
 - **Scrum board**: Sprint-based planning with backlog, story points, etc.
 - **Kanban board**: Continuous flow with WIP limits.
 - Helps teams visualize and track the current status of tasks.
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4. Roadmaps & Sprint Planning

- Create timelines and **plan sprints**.
 - Assign stories, estimate effort, and set sprint goals.
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5. Reports & Dashboards

- Built-in **agile reports** like:
 - **Burndown charts**
 - **Velocity charts**
 - **Cumulative flow diagrams**
 - Create **custom dashboards** with widgets for real-time updates.
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6. Integrations

- Integrates with:
 - **Confluence** (documentation)
 - **Bitbucket** (code)
 - **Slack, GitHub, Trello, Jenkins, etc.**

7. Permissions & Roles

- Role-based access control.
- Define who can **view**, **edit**, or **administer** projects and issues.

8. Custom Fields & Screens

- Add **custom fields** (e.g., severity, module name).
- Configure **screens** for issue creation, edit, and transition.

9. Automation

- Automate tasks using **Jira Automation Rules**.
 - E.g., When issue is resolved → auto assign to QA → add a comment → send Slack alert.

10. Cloud and Server Options

- Jira is available as:
 - **Jira Cloud** (hosted by Atlassian)
 - **Jira Server/Data Center** (self-hosted)

Who Uses Jira?

- **Software developers**

- **Testers (manual & automation)**
 - **Project managers**
 - **IT teams**
 - **Business teams**
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If you want, I can also give you:

- A basic **example Jira project**
- An **overview of issue types**
- Or how to write **good Jira stories/bugs**

Let me know how deep you'd like to go!