Managing Projects and Jira

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Project Management

Managing Projects and Jira

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Agile

Individuals and interactions over processes and tools	**Working software** over comprehensive documentation
Customer collaboration over contract negotiation	**Responding to change** over following a plan

Agile Manifesto

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Scrum

- **Scrum** is a framework for developing and sustaining **complex products**.
- It is also a framework that **helps teams** to work together.
- Scrum features some core **values**.
- Also, it has some **roles** (developers, product owner and scrum master).
- There are also some **events** (and some of them are called ceremonies).
- Finally, teams work on some **artifacts**.
- To go further, see the **Scrum Guide** (https://scrumguides.org/)

Kanban

Kanban is a Lean workflow management method that helps organizations to improve and manage work systems.
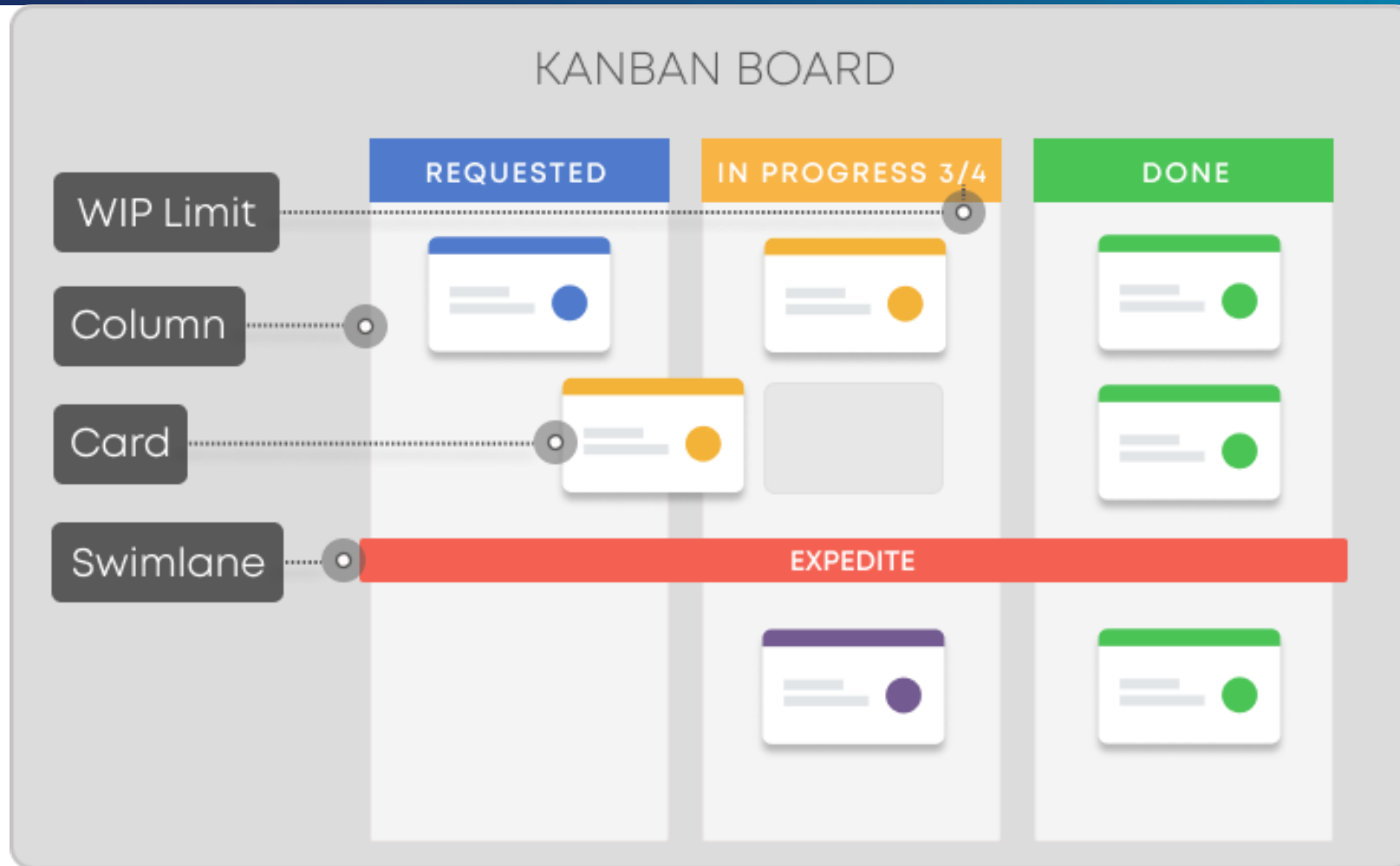
It is also a **framework** used to implement agile DevOps software development. Fits naturally with **Continuous Delivery**, since both comprise **just-in-time delivery**.

It was born as a **Lean** practice within the **Toyota Production System (TPS)**.

Kanban relies on a set of **practices**:

- Visualizing the workflow (via a **Kanban board**)
- Limiting work in progress (WIP)
- Managing flow
- Making process policies explicit
- Implementing feedback loops
- Improving colaboratively

Kanban Board

From: kanbanize.com

Jira

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Jira Platform

◆ Jira Software

Built for every member of your agile team and beyond to plan, track, and ship world-class software.

Learn More

⚡ Jira Service Management

Give your customers an easy way to ask for help and your agents a faster way to deliver it.

Learn More

Jira Work Management

Manage any business project including marketing campaigns, HR onboarding, approvals and legal document reviews.

Learn More

Jira Align

Enterprise Agile Planning platform that connects product, program, and portfolio strategy to technical execution, at scale.
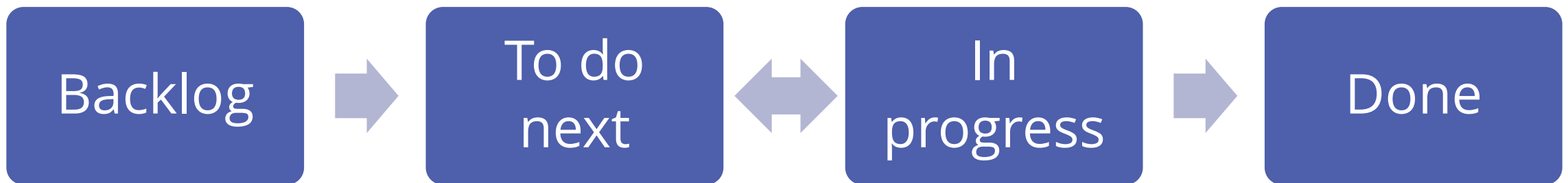
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From: atlassian.com

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Jira Key Concepts

- **Issue:** A Jira issue is a single work item of any type or size that is being tracked.

- **Project:** A project is a set of issues with a common purpose and context.

- **Workflow:** A workflow is the sequential path an issue takes from creation to completion.

- **Board:** A board is a visual representation of a team's workflow within a project.

Backlog → To do next ↔ In progress → Done

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Getting Started with Jira

Creating a project

Choosing a template

Shaping the team

Creating and managing issues

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Jira and GitHub

- Integrating both tools: https://support.atlassian.com/jira-cloud-administration/docs/integrate-with-github/

- Referencing issues in commits: https://support.atlassian.com/jira-software-cloud/docs/reference-issues-in-your-development-work/

Jira also works with other VCS, specially with Bitbucket.

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Useful Links

- Agile in Atlassian: https://www.atlassian.com/agile
- Scrum Guides: https://scrumguides.org/
- Scrum in Atlassian: https://www.atlassian.com/agile/scrum
- Getting started with Jira Software: https://www.atlassian.com/software/jira/guides/getting-started/basics
- Jira Best Practices: https://www.atlassian.com/software/jira/guides/getting-started/best-practices

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