

Possible Tools SE423 Software Project Management

This comprehensive list of tools is designed to help you manage your software projects effectively. The tools are categorized into various aspects of project management, such as planning, tracking, communication, metrics and analytics, stakeholder management, and change management. Some tools are open-source, while others are proprietary.

Planning

Open Source

1. **GanttProject** - A Gantt chart-based tool for scheduling and managing projects. (<https://www.ganttproject.biz/>)
2. **ProjectLibre** - A project management software alternative to Microsoft Project. (<https://www.projectlibre.com/>)
3. **TaskJuggler** - A powerful, flexible project management tool for managing tasks, resources, and financials. (<http://taskjuggler.org/>)

Proprietary

1. **Microsoft Project** - A comprehensive project management software for planning, scheduling, and managing projects. (<https://www.microsoft.com/en-us/microsoft-365/project/project-management-software>)
2. **Smartsheet** - A platform for work management and automation to improve planning and collaboration. (<https://www.smartsheet.com/>)
3. **Wrike** - A collaborative work management platform for planning and tracking projects. (<https://www.wrike.com/>)

Tracking

Open Source

1. **Redmine** - A web-based project management and issue tracking tool. (<https://www.redmine.org/>)
2. **Trac** - A wiki and issue-tracking system for software development projects. (<https://trac.edgewall.org/>)
3. **Taiga** - An Agile project management platform with a focus on usability and simplicity. (<https://taiga.io/>)

Proprietary

1. **Jira Software** - An issue and project tracking tool designed specifically for software teams. (<https://www.atlassian.com/software/jira>)
2. **Asana** - A work management platform for tracking tasks, projects, and team collaboration. (<https://asana.com/>)
3. **Trello** - A visual collaboration tool that uses boards, lists, and cards to organize and prioritize work. (<https://trello.com/>)

Communication

Open Source

1. **Mattermost** - A self-hosted, open-source alternative to Slack for team communication. (<https://mattermost.com/>)
2. **Rocket.Chat** - A web-based chat platform with team collaboration features. (<https://rocket.chat/>)

Proprietary

1. **Slack** - A team collaboration tool for messaging, file sharing, and integrations. (<https://slack.com/>)
2. **Microsoft Teams** - A communication and collaboration platform for chat, meetings, and file sharing. (<https://www.microsoft.com/en-us/microsoft-teams/group-chat-software>)
3. **Zoom** - A video conferencing platform for meetings, webinars, and team collaboration. (<https://zoom.us/>)

Metrics and Analytics

Open Source

1. **Grafana** - An open-source analytics and monitoring solution for various data sources. (<https://grafana.com/>)
2. **Kibana** - A data visualization tool for Elasticsearch, primarily used for log and event data analysis.
([https://www.elastic.co/\[kibana\]\(poe://www.poe.com/_api/key_phrase?phrase=kibana&prompt=Tell%20me%20more%20about%20kibana.\)](https://www.elastic.co/[kibana](poe://www.poe.com/_api/key_phrase?phrase=kibana&prompt=Tell%20me%20more%20about%20kibana.))))

Proprietary

1. **GitPrime (now Pluralsight Flow)** - A data-driven engineering platform to improve the effectiveness of software teams.
(<https://www.pluralsight.com/product/flow>)
2. **New Relic** - A performance monitoring and analytics tool for software applications. (<https://newrelic.com/>)
3. **Datadog** - A monitoring and analytics platform for cloud-scale applications.
(<https://www.datadoghq.com/>)

Stakeholder Management

Open Source

1. **StakeholderMaps** - A web-based tool for creating stakeholder maps and visualizing relationships. (<https://stakeholdermaps.org/>)

Proprietary

1. **Aha!** - A product management tool for strategy, roadmaps, and stakeholder communication. (<https://www.aha.io/>)
2. **Airtable** - A flexible platform for creating custom databases, project plans, and stakeholder management. (<https://airtable.com/>)
3. **Prezi** - A presentation software for engaging stakeholders with dynamic, visually appealing content. (<https://prezi.com/>)

Change Management

Open Source

1. **Fossil** - A simple, high-reliability, distributed software configuration management system. (<https://www.fossil-scm.org/>)
2. **Wekan** - An open-source Kanban board for managing change and work items. (<https://wekan.github.io/>)

Proprietary

1. **GitLab** - A web-based DevOps lifecycle tool for source code management, collaboration, and deployment. (<https://about.gitlab.com/>)
2. **VersionOne** - A change management software for tracking, managing, and automating change processes. (<https://www.versionone.com/>)
3. **IBM Rational ClearCase** - A software configuration management tool for version control, workspace management, and process automation. (<https://www.ibm.com/products/rational-clearcase>)