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Introduction to Productivity Tools

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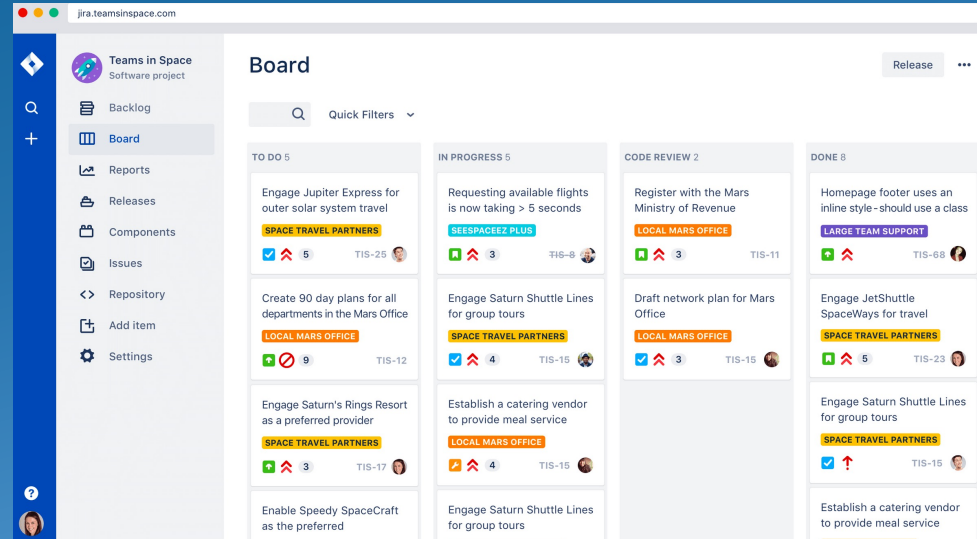
Agenda

- Basics of JIRA and Demo
- Basics of Git | GitHub and Demo
- Q & A

What is JIRA

JIRA is product built to help you manage your work.

JIRA is a project management **tool used** for issues and bugs tracking system



Who Uses JIRA?

Software Developers

QA & Testers

Project Managers

Product Designer

Product Owners

Program Managers



How To use JIRA - Lets talk Terminology

Your **Backlog** is a list of tasks that represents outstanding work in a project.

A **Sprint** is a short, time-boxed period when a scrum team works to complete a set amount of work.

Sprint planning is a collaborative effort involving the team on deciding what to complete next

A Jira **Issue** refers to a single work item.

A **Project** is, quite simply, a collection of issues that are held in common by purpose

Workflows represent the sequential path an issue takes from creation to completion.

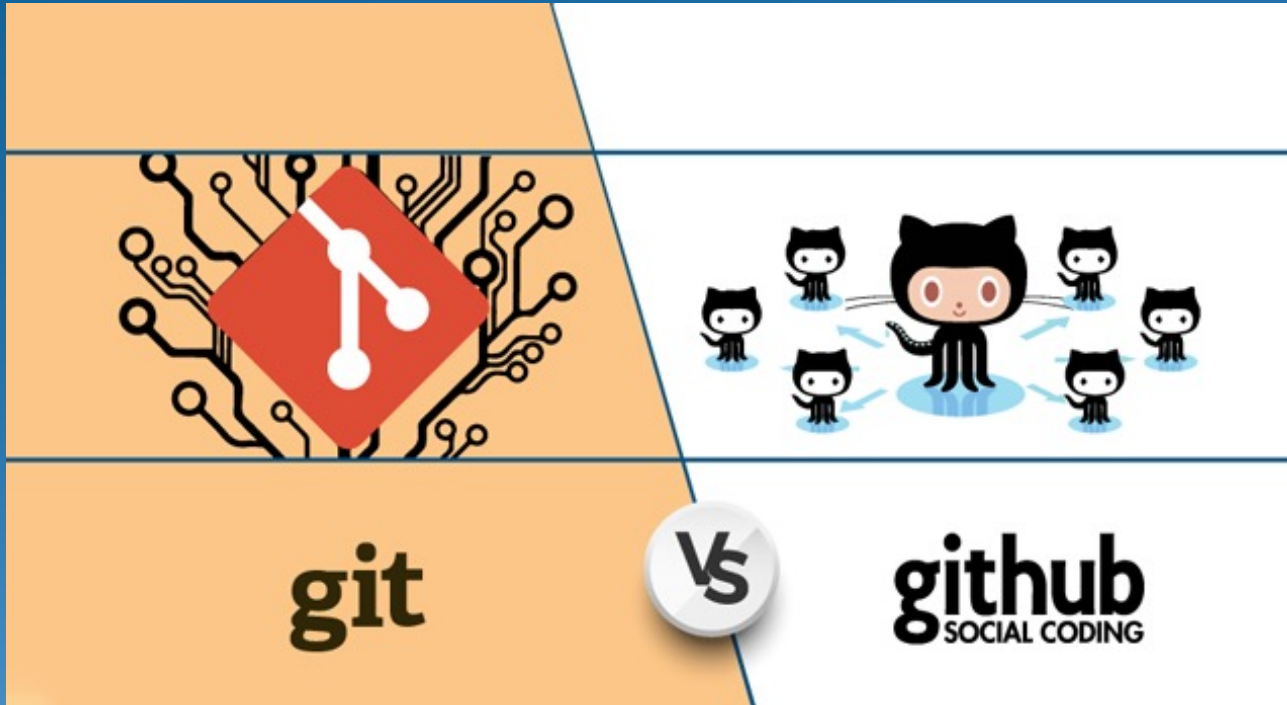


DEMO

<https://sonypicturespoc.atlassian.net/secure/RapidBoard.jspa?projectKey=YTP&rapidView=1031>



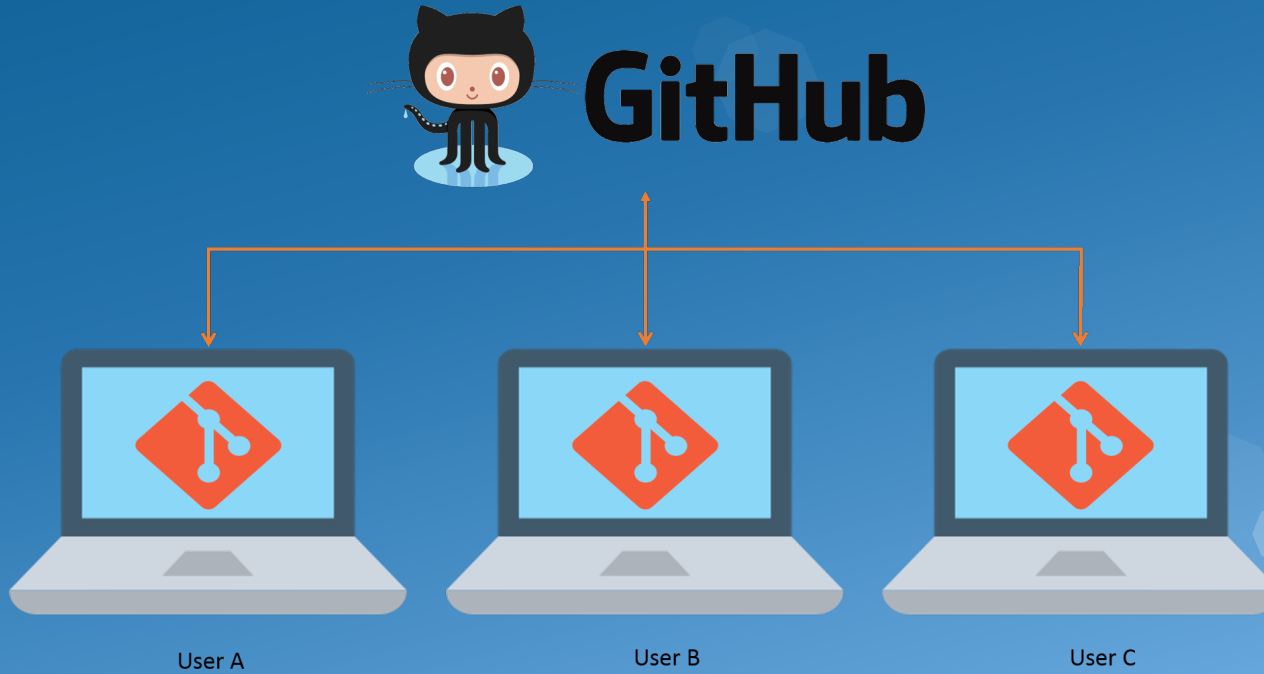
Git & GitHub



What is Git & GitHub

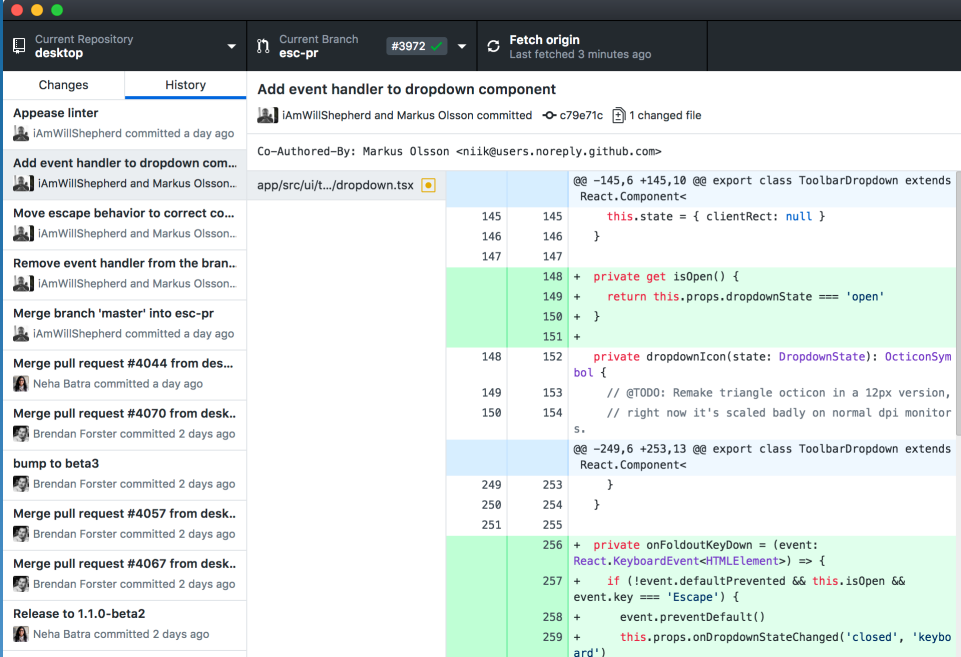
Git	GitHub
1. It is a software	1. It is a service
2. It is installed locally on the system	2. It is hosted on Web
3. It is a command line tool	3. It provides a graphical interface
4. It is a tool to manage different versions of edits, made to files in a git repository	4. It is a space to upload a copy of the Git repository
5. It provides functionalities like Version Control System Source Code Management	5. It provides functionalities of Git like VCS, Source Code Management as well as adding few of its own features

Git is Distributed – Everyone has the same copy



Let's make our lives easier - GitHub Desktop

GitHub Desktop simplifies your development workflow.



The screenshot shows the GitHub Desktop interface. The top bar indicates the current repository is 'desktop', the current branch is 'esc-pr' (commit #3972), and it was fetched 3 minutes ago. The main area is split into a commit history on the left and a diff view on the right.

Commit History:

- Appease linter** (1 day ago)
- Add event handler to dropdown component** (1 day ago)
- Move escape behavior to correct co...** (1 day ago)
- Remove event handler from the bran...** (1 day ago)
- Merge branch 'master' into esc-pr** (1 day ago)
- Merge pull request #4044 from des...** (1 day ago)
- Merge pull request #4070 from desk...** (2 days ago)
- bump to beta3** (2 days ago)
- Merge pull request #4057 from desk...** (2 days ago)
- Merge pull request #4067 from desk...** (2 days ago)
- Release to 1.1.0-beta2** (2 days ago)

Diff View (Commit: Add event handler to dropdown component):

```

@@ -145,6 +145,10 @@ export class ToolbarDropdown extends
  React.Component<
    this.state = { clientRect: null }
  }
+ private get isOpen() {
+   return this.props.dropdownState === 'open'
+ }
+
+ private dropdownIcon(state: DropdownState): OcticonSym
  bol {
    // @TODO: Remake triangle octicon in a 12px version,
    // right now it's scaled badly on normal dpi monitor
    S.
@@ -249,6 +253,13 @@ export class ToolbarDropdown extends
  React.Component<
  }
}
+ private onFoldoutKeyDown = (event:
  React.KeyboardEvent<HTMLInputElement>) => {
+   if (!event.defaultPrevented && this.isOpen &&
  event.key === 'Escape') {
+     event.preventDefault()
+     this.props.onDropdownStateChanged('closed', 'keybo
  ard')
  
```

DEMO

Create a repository
Clone a repository
Make Changes
Commit your changes.



Resources

JIRA

JIRA Terms - <https://www.atlassian.com/software/jira/guides/getting-started/overview#key-terms-to-know>

Getting Started with Jira - <https://www.atlassian.com/software/jira/guides/getting-started/basics>

Cheat Sheet - <https://www.leadingagile.com/2012/08/simple-cheat-sheet-to-sprint-planning-meeting/>

Github

How to use GitHub - <https://www.youtube.com/watch?v=PQsJR8ci3J0>

Getting started with Github Desktop - <https://docs.github.com/en/desktop/installing-and-configuring-github-desktop>

Tools

Github Desktop - <https://desktop.github.com/>

GIT - <https://git-scm.com/download/gui/windows>

Github Desktop - <https://docs.github.com/en/desktop>

Resources - Additional

Cloud Computing

What is Cloud Computing - <https://www.youtube.com/watch?v=dH0yz-Osy54>

Cloud Computing in 6 minutes - https://www.youtube.com/watch?v=M988_fsOSWo

What is Cloud Computing - <https://azure.microsoft.com/en-us/overview/what-is-cloud-computing/#cloud-computing-models>

Thank You