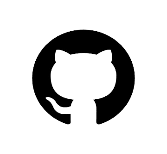
GITHUB

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**WHAT IS GITHUB?**

* The site was launched in April 2008 by Tom Preston-Werner, Chris Wanstrath, P. J. Hyett and Scott Chacon.
* GitHub is a web-based platform that uses Git for version control and collaboration.
* GitHub provides developers with the tools to host and manage their code repositories.
* The users on GitHub can contribute to other projects and manage issues.
* On GitHub users are able to follow each other and see each other’s work.

**USAGE OF GITHUB**

* Keeps track of code changes, allowing easy rollback to previous versions.
* The best practice that you can do is to host your project documentation immediately with your code on GitHub.
* GitHub hosts open - source projects which result in community collaboration.

**HOW DOES GITHUB WORK?**

* GitHub uses Git, a distributed version control system, to track changes made to the code or content within repositories.
* The core of GitHub is repositories which are places to store the changes made to codes.
* The users make a copy of the repository called fork to modify the repository.
* The changes are submitted through the pull requests.
* The changes are reviewed by the repository maintainers.
* The users can create multiple branches within a repository.

**APPLICATIONS OF GITHUB**

* GitHub is used for Software development.
* GitHub is used by Data scientists to share codes and datasets.
* It also plays a crucial role in web and game development.
* GitHub is also popular in the education industry for assignments and other tasks.

**ROLE OF COMMAND PROMPT IN GITHUB**

As GitHub uses Git which is a version control system so the command prompt plays a crucial role in GitHub.

* The command prompt can be used to manage repositories using Git commands like git clone, git push, git pull.
* The repositories can be created using the git init command using the command prompt.
* If the users want to view the commit history they use the command like git log.
* The command prompt on GitHub is capable of automating those tasks which are repetitive.

**THANK YOU**