

Getting Started with GitHub



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Overview



Understanding GitHub

Creating your account

Using SSH

Searching GitHub



Understanding GitHub



What Is GitHub?

Hosting service for Git

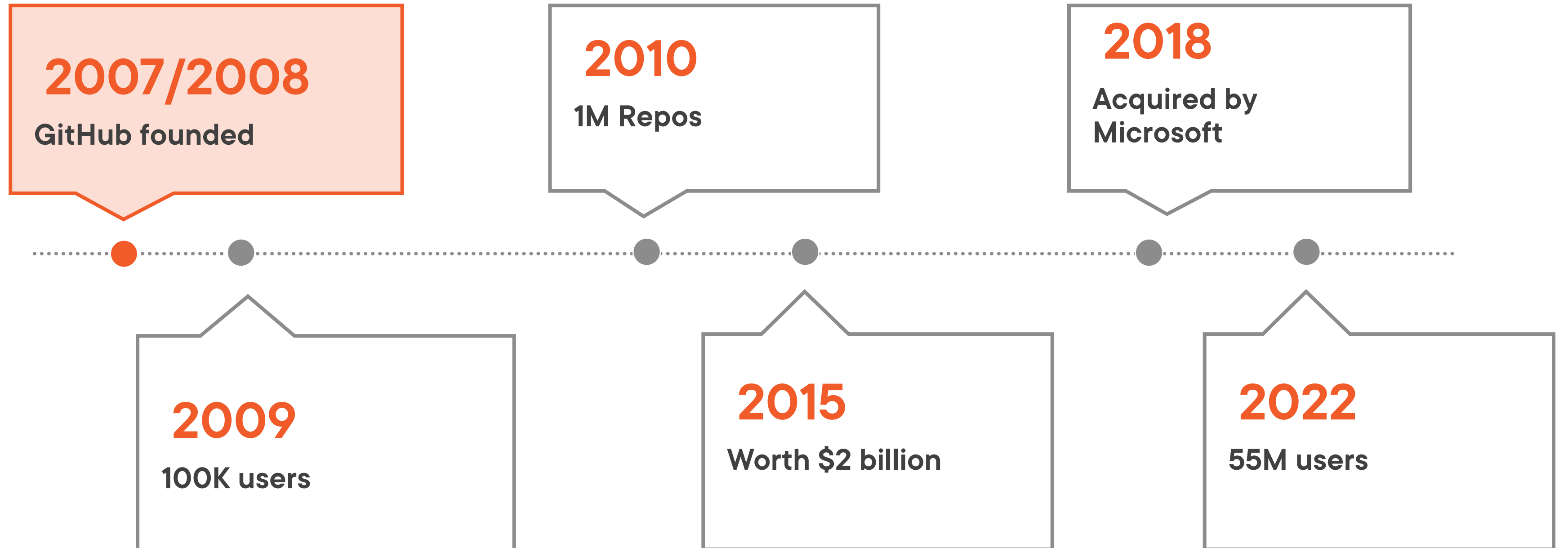
Git and a lot of extras

Social aspect of coding

Part of Microsoft since 2018



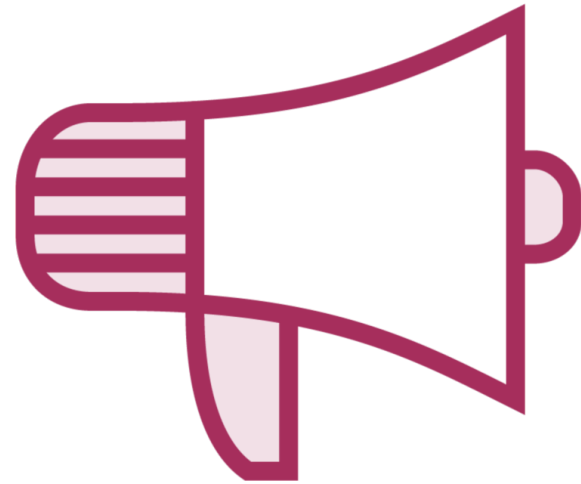
A Brief History of GitHub



GitHub's Main Features



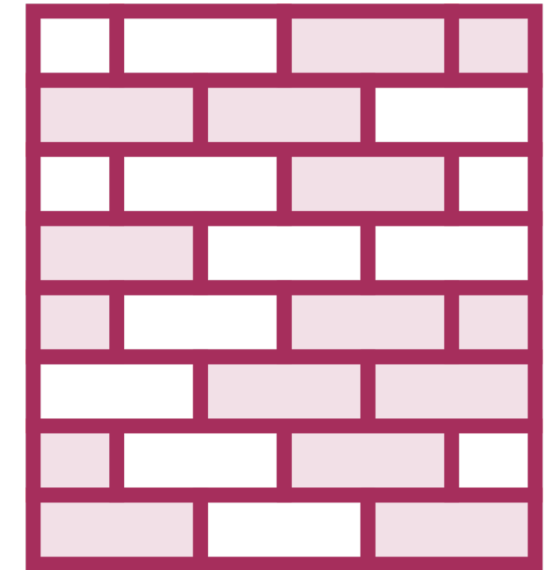
Code



Pull requests



Issues



CI/CD





Pricing

Free

Pro

Team

Enterprise

See <https://github.com/pricing>



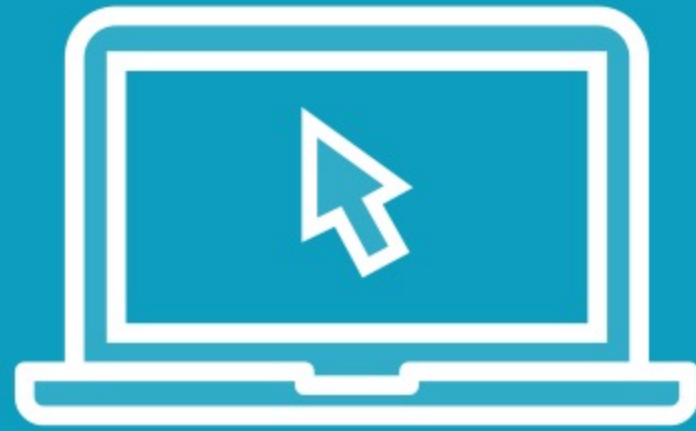
Demo



A tour of GitHub



Demo



Creating your GitHub account

Configuring your profile

Following other users on GitHub



Using SSH



Connection Options

HTTPS

**Requires username and
password**

SSH

Easier to work with



Demo



Generating SSH keys

Connecting to GitHub using SSH



Searching GitHub





Global search

Scope of your search

- Repositories, code, issues...

Advanced search page

Search syntax allows further optimization



```
dotnet stars:>1000
```

```
dotnet stars:10..50
```

```
dotnet NOT "hello world"
```

- ◀ Word “dotnet” and more than 1000 stars
- ◀ Word “dotnet” and between 10 and 50 stars
- ◀ Word “dotnet” and not contain “hello world”



Demo



Searching GitHub

Using the advanced Search page



Summary



GitHub is a social coding platform

Powerful search functionality makes finding what you need easier





Up next:
Working with repositories in GitHub

