



**git**



**GitHub**

## **What is version control?**

**How version control helps high performing development and DevOps teams prosper**

# GIT vs GitHub



GitHub

1. It is a software

2. It is installed locally on the system

3. It is a command line tool

4. It is a tool to manage different versions of edits, made to files in a git repository

5. It provides functionalities like Version Control System Source Code Management

1. It is a service

2. It is hosted on Web

3. It provides a graphical interface

4. It is a space to upload a copy of the **Git** repository

5. It provides functionalities of Git like VCS, Source Code Management as well as adding few of its own features

# How to store files on GitHub

Git clone

```
$sudo apt-get update
```

```
$sudo apt-get install git
```

```
git clone https://github.com/amitganvir23/project-xyz.git
```

```
cd project-xyz
```

```
git status
```

```
git add file1.txt (git add .) (git add --all )
```

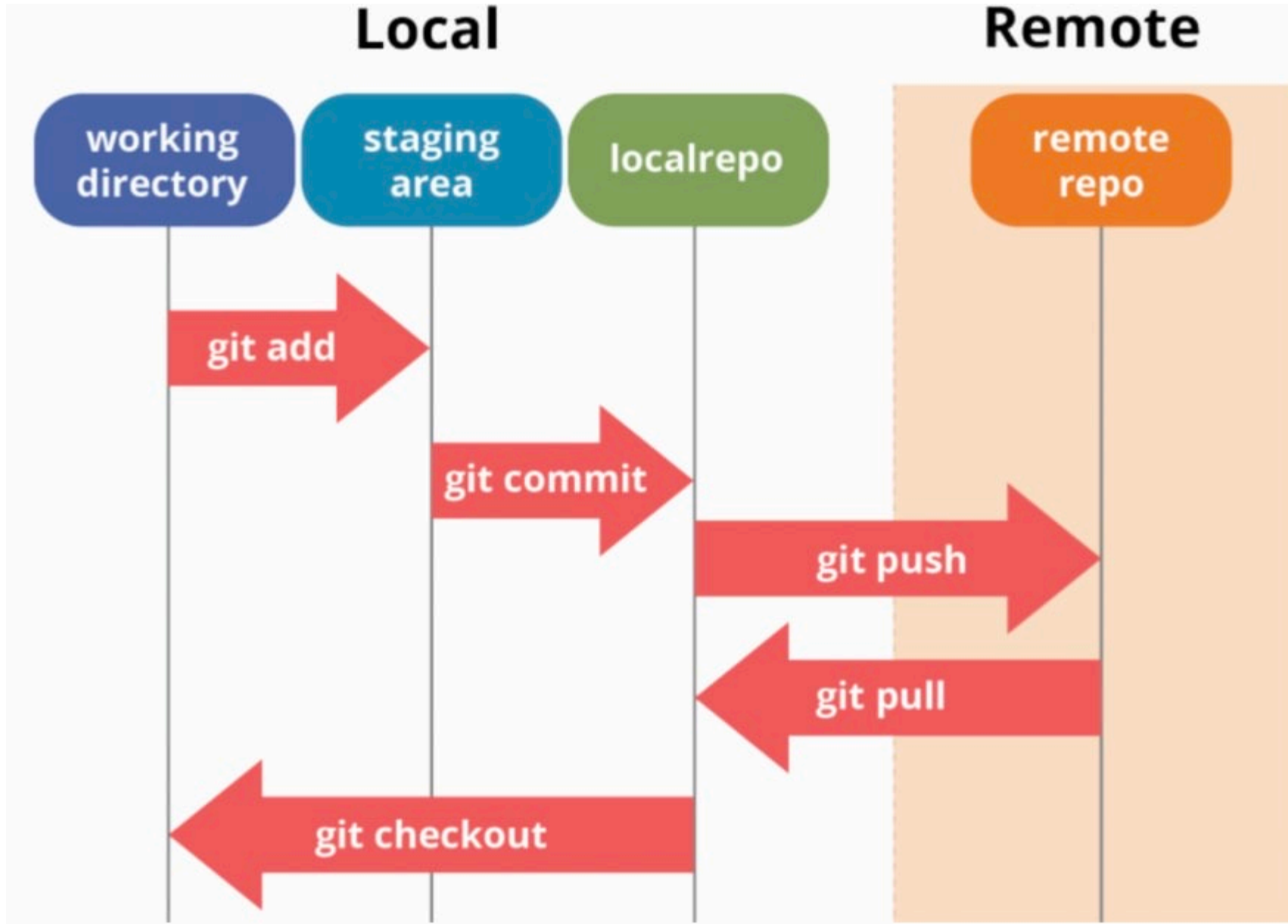
```
git status
```

```
git branch
```

```
git commit -am "my first commit for testing"
```

```
git push origin master
```

# How it Works?





# git



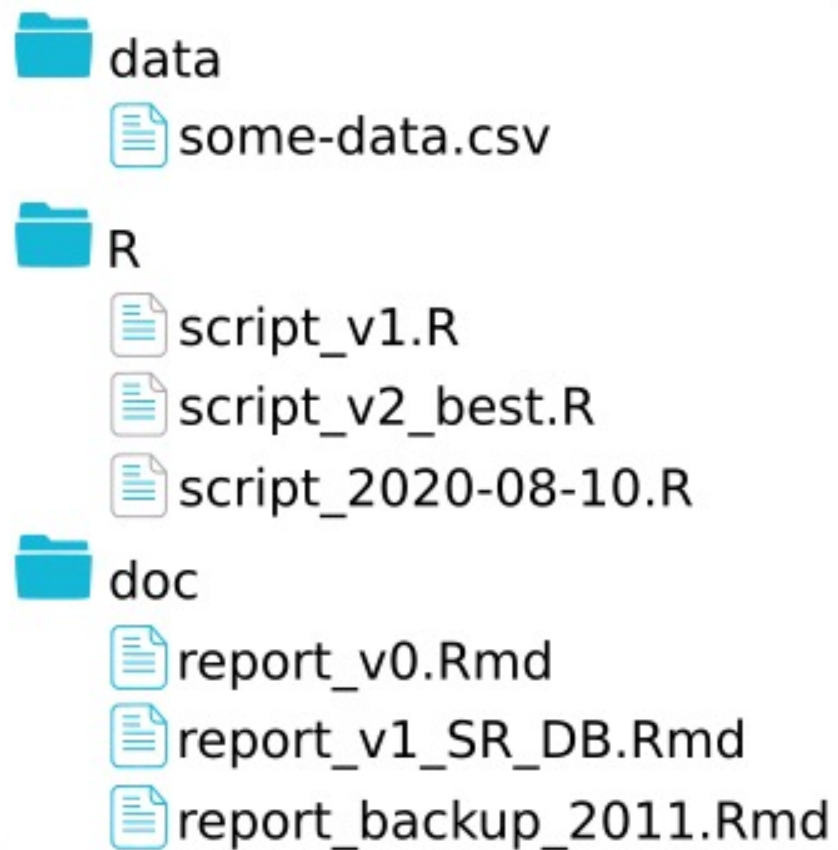
GitLab



GitHub



Bitbucket



# In case of fire



1. git commit



2. git push



3. leave building





Thank  
You!