## Using Github for research and life | Part II

Matt Malishev

@darwinanddavis

**Applications** 

#### **Version control**

Collaborate

Centralised storage of every possible file type, e.g. Supp Material

Dynamic loading of stored links and programs

```
require(RCurl)
script <- getURL("https://raw.githubusercontent.com/darwing
eval(parse(text = script))</pre>
```

Fork and clone a plethora of public data, code, material

**Applications** 

#### **Version control**

Collaborate

Centralised storage of every possible file type, e.g. Supp Material

Dynamic loading of stored links and programs

```
require(RCurl)
script <- getURL("https://raw.githubusercontent.com/darwing
eval(parse(text = script))</pre>
```

Fork and clone a plethora of public data, code, material

```
Let's git it
Initialising and using your repo
```

#### 1. Create a repo

## 2. Create and stage your files

- add and commit your files

#### 3. Push to a remote github repo

- push your files to your Github

# 1. Create a repo

Initialise your new local repo

```
# initialise your local git
### <b>
```

```
Let's git it
Initialising and using your repo
```

#### 1. Create a repo

## 2. Create and stage your files

- add and commit your files

#### 3. Push to a remote github repo

- push your files to your Github

# 1. Create a repo

Initialise your new local repo

```
# initialise your local git
### <b>
```

```
Let's git it
Initialising and using your repo
```

#### 1. Create a repo

## 2. Create and stage your files

- add and commit your files

#### 3. Push to a remote github repo

- push your files to your Github

# 1. Create a repo

Initialise your new local repo

```
# initialise your local git
### <b>
```

That's it!  $\mid$  Your data is now stored and version controlled in local and remote repos

Clone a remote repo to your local computer

This creates a git repository on your local machine complete with version control.

Every version of every file for the history of the project is grabbed by default when you run git clone.

```
git clone "github url" "new repo name (optional)"
# e.g. git clone https://github.com/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulC
```

## Why clone?

You can dump the contents of any public repo, including its complete version history, onto your own computer, then upload it onto the cloud.

## Workflow example

Clone a remote repo to your local computer

This creates a git repository on your local machine complete with version control.

Every version of every file for the history of the project is grabbed by default when you run git clone.

```
git clone "github url" "new repo name (optional)"
# e.g. git clone https://github.com/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulC
```

## Why clone?

You can dump the contents of any public repo, including its complete version history, onto your own computer, then upload it onto the cloud.

## Workflow example

Clone a remote repo to your local computer

This creates a git repository on your local machine complete with version control.

Every version of every file for the history of the project is grabbed by default when you run git clone.

```
git clone "github url" "new repo name (optional)"
# e.g. git clone https://github.com/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulC
```

## Why clone?

You can dump the contents of any public repo, including its complete version history, onto your own computer, then upload it onto the cloud.

## Workflow example

Clone a remote repo to your local computer

This creates a git repository on your local machine complete with version control.

Every version of every file for the history of the project is grabbed by default when you run git clone.

```
git clone "github url" "new repo name (optional)"
# e.g. git clone https://github.com/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulC
```

## Why clone?

You can dump the contents of any public repo, including its complete version history, onto your own computer, then upload it onto the cloud.

## Workflow example

Clone a remote repo to your local computer

This creates a git repository on your local machine complete with version control.

Every version of every file for the history of the project is grabbed by default when you run git clone.

```
git clone "github url" "new repo name (optional)"
# e.g. git clone https://github.com/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulC
```

## Why clone?

You can dump the contents of any public repo, including its complete version history, onto your own computer, then upload it onto the cloud.

## Workflow example

Clone a remote repo to your local computer

This creates a git repository on your local machine complete with version control.

Every version of every file for the history of the project is grabbed by default when you run git clone.

```
git clone "github url" "new repo name (optional)"
# e.g. git clone https://github.com/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulC
```

## Why clone?

You can dump the contents of any public repo, including its complete version history, onto your own computer, then upload it onto the cloud.

#### Workflow example

Clone a remote repo to your local computer

This creates a git repository on your local machine complete with version control.

Every version of every file for the history of the project is grabbed by default when you run git clone.

```
git clone "github url" "new repo name (optional)"
# e.g. git clone https://github.com/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinanddavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulCom/darwinandavis/UsefulC
```

## Why clone?

You can dump the contents of any public repo, including its complete version history, onto your own computer, then upload it onto the cloud.

#### Workflow example

```
git config --global user.name "Matt Malishev"
git config --global user.email "mmlshv@gmail.com"
git diff
git diff # print differences (changes) to files
```

git diff --stage # show changes in staged gits

Extra flags for git commands

git log --online # condense log into one line summary

#### Useful shell syntax

```
git config --global user.name "Matt Malishev"
git config --global user.email "mmlshv@gmail.com"
git diff
git diff # print differences (changes) to files
```

git diff --stage # show changes in staged gits

Extra flags for git commands

git log --online # condense log into one line summary

#### Useful shell syntax

```
git config --global user.name "Matt Malishev"
git config --global user.email "mmlshv@gmail.com"
git diff
git diff # print differences (changes) to files
```

git diff --stage # show changes in staged gits

Extra flags for git commands

git log --online # condense log into one line summary

#### Useful shell syntax

```
git config --global user.name "Matt Malishev"
git config --global user.email "mmlshv@gmail.com"
git diff
git diff # print differences (changes) to files
```

git diff --stage # show changes in staged gits

Extra flags for git commands

git log --online # condense log into one line summary

#### Useful shell syntax

```
git config --global user.name "Matt Malishev"
git config --global user.email "mmlshv@gmail.com"
git diff
git diff # print differences (changes) to files
```

git diff --stage # show changes in staged gits

Extra flags for git commands

git log --online # condense log into one line summary

#### Useful shell syntax

```
git config --global user.name "Matt Malishev"
git config --global user.email "mmlshv@gmail.com"
git diff
git diff # print differences (changes) to files
```

git diff --stage # show changes in staged gits

Extra flags for git commands

git log --online # condense log into one line summary

#### Useful shell syntax