Practical Computing for Scientists

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CSCI 2000U

UOIT – Fall 2015

UNIVERSITY OF ONTARIO INSTITUTE OF TECHNOLOGY

High Speed Recap

Typical Workflow – Local Repository

$ _

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```
$ git init
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$ git init
$ git add newfile1 newfile2
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Typical Workflow – Local Repository

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$ git init
$ git add newfile1 newfile2
$ nano existing_file
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Typical Workflow – Local Repository

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$ git init
$ git add newfile1 newfile2
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$ git status
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```

Typical Workflow – Local Repository

```
$ git init
$ git add newfile1 newfile2
$ nano existing_file
$ …
$ git status
$ git commit -a -m "what I did"
$ _
```

If you omit this

Typical Workflow – Local Repository

```
$ git init
$ git add newfile1 newfile2
$ nano existing_file
$ …
$ git status
$ git commit -a -m "what I did"
$ _
```

If you omit this

only newly added files are committed

Typical Workflow – Local Repository

```
$ git init
$ git add newfile1 newfile2
$ nano existing_file
$ …
$ git status
$ git commit -a -m "what I did"
$ _
```

If you omit this
only newly added files are committed
but not modified files

Typical Workflow – Local Repository

```
$ git init
$ git add newfile1 newfile2
$ nano existing_file
$ …
$ git status
$ git commit -a -m "what I did"
$ git log
$ _
```

Typical Workflow – Remote Repository

$ _

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```
$ git clone URL
$ _
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Typical Workflow – Remote Repository

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$ git clone URL
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Typical Workflow – Remote Repository

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$ git clone URL
$ git add newfile1 newfile2
$ nano existing_file
$ …
$ git status
$ git pull
$ _
```

Typical Workflow – Remote Repository

```
$ git clone URL
$ git add newfile1 newfile2
$ nano existing_file
$ …
$ git status
$ git pull
$ git commit -a -m "what I did"
$ _
```

Typical Workflow – Remote Repository

```
$ git clone URL
$ git add newfile1 newfile2
$ nano existing_file
$ …
$ git status
$ git pull
$ git commit -a -m "what I did"
$ git push
$ _
```

Typical Workflow – Remote Repository

```
$ git clone URL
$ git add newfile1 newfile2
$ nano existing_file
$ …
$ git status
$ git pull
$ git commit -a -m "what I did"
$ git push
$ git log
$ _
```

Typical Workflow – Remote Repository

```
$ git clone URL
$ git add newfile1 newfile2
$ nano existing_file
$ …
$ git status
$ git pull
$ git commit -a -m "what I did"
$ git push
$ git log
$ _
```

Typical Workflow – Remote Repository

```
$ git clone URL
$ git add newfile1 newfile2
$ nano existing_file
$ …
$ git status
$ git pull
$ git commit -a -m "what I did"
$ git push
$ git log
$ _
```

Importing Your Course Folder to GitHub

- Follow the instructions in the link provided by Blackboard to create a repository named CSCI-2000U

Importing Your Course Folder to GitHub

- Follow the instructions in the link provided by Blackboard to create a repository named CSCI-2000U

- Run the following commands If you haven't done so far:

```
$ cd csci-2000
$ git init
$ git add .
$ git commit –a –m "First commit"
```

Importing Your Course Folder to GitHub

$ _

Importing Your Course Folder to GitHub

```
$ git remote add origin <remote repository URL>
$ _
```

Importing Your Course Folder to GitHub

```
$ git remote add origin <remote repository URL>
$ git remote -v
$ _
```

Importing Your Course Folder to GitHub

```
$ git remote add origin <remote repository URL>
$ git remote -v
$ git push origin master
$ _
```

FAQTS – the Game

- Frequently Asked Questions with Tiny Sentences
- Both Q and A with least possible words
- The ideal word count for answers is *two*
- Our second round:

How does science model reality?

Markdown Tutorial

Blackboard > Course Content > Week 4 (Oct. 5-9) > Wednesday Oct. 7 > Markdown Tutorial

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