**Git Local Setup**

**Prerequisite: -**

1)GitBash should be in your machine

bash: cd: Anurag: No such file or directory

Ishan@DESKTOP-2RD0PUJ MINGW64 ~

$ pwd

/c/Users/samir

Ishan@DESKTOP-2RD0PUJ MINGW64 ~

$ cd ../..

Ishan@DESKTOP-2RD0PUJ MINGW64 /c

$ pwd

/c

Ishan@DESKTOP-2RD0PUJ MINGW64 /c

$ cd Anurag

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag

$ cd sourcecode/

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode

$ cd kafka-producer-example/

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example

$ git status

fatal: not a git repository (or any of the parent directories): .git

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example

$ git init

Initialized empty Git repository in C:/ANURAG/sourcecode/kafka-producer-example/.git/

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$ git status

On branch master

No commits yet

Untracked files:

(use "git add <file>..." to include in what will be committed)

.gitignore

.mvn/

mvnw

mvnw.cmd

pom.xml

src/

nothing added to commit but untracked files present (use "git add" to track)

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$ git add "src"

warning: in the working copy of 'src/main/java/com/javatechi/KafkaProducerExampleApplication.java', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/main/resources/application.properties', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/test/java/com/javatechi/KafkaProducerExampleApplicationTests.java', LF will be replaced by CRLF the next time Git touches it

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$ git status

On branch master

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: src/main/java/com/javatechi/KafkaProducerExampleApplication.java

new file: src/main/java/com/javatechi/config/KafkaProducerConfig.java

new file: src/main/java/com/javatechi/controller/EventController.java

new file: src/main/java/com/javatechi/service/KafkaMessagePublisher.java

new file: src/main/resources/application.properties

new file: src/main/resources/application.yml

new file: src/test/java/com/javatechi/KafkaProducerExampleApplicationTests.java

Untracked files:

(use "git add <file>..." to include in what will be committed)

.gitignore

.mvn/

mvnw

mvnw.cmd

pom.xml

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$ git add .

warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of '.mvn/wrapper/maven-wrapper.properties', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'mvnw', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'mvnw.cmd', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'pom.xml', LF will be replaced by CRLF the next time Git touches it

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$ git status

On branch master

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: .gitignore

new file: .mvn/wrapper/maven-wrapper.jar

new file: .mvn/wrapper/maven-wrapper.properties

new file: mvnw

new file: mvnw.cmd

new file: pom.xml

new file: src/main/java/com/javatechi/KafkaProducerExampleApplication.java

new file: src/main/java/com/javatechi/config/KafkaProducerConfig.java

new file: src/main/java/com/javatechi/controller/EventController.java

new file: src/main/java/com/javatechi/service/KafkaMessagePublisher.java

new file: src/main/resources/application.properties

new file: src/main/resources/application.yml

new file: src/test/java/com/javatechi/KafkaProducerExampleApplicationTests.java

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$ git commit -m "added kafka-producer-example to Local Repo"

Author identity unknown

\*\*\* Please tell me who you are.

Run

git config --global user.email "you@example.com"

git config --global user.name "Your Name"

to set your account's default identity.

Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'Ishan@DESKTOP-2RD0PUJ.(none)')

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$ git config --global user.email "anuragshukla0405@gmail.com"

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$ git config --global user.name "Anurag Shukla"

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$ git commit -m "added kafka-producer-example to Local Repo"

[master (root-commit) a7c36e3] added kafka-producer-example to Local Repo

13 files changed, 703 insertions(+)

create mode 100644 .gitignore

create mode 100644 .mvn/wrapper/maven-wrapper.jar

create mode 100644 .mvn/wrapper/maven-wrapper.properties

create mode 100644 mvnw

create mode 100644 mvnw.cmd

create mode 100644 pom.xml

create mode 100644 src/main/java/com/javatechi/KafkaProducerExampleApplication.java

create mode 100644 src/main/java/com/javatechi/config/KafkaProducerConfig.java

create mode 100644 src/main/java/com/javatechi/controller/EventController.java

create mode 100644 src/main/java/com/javatechi/service/KafkaMessagePublisher.java

create mode 100644 src/main/resources/application.properties

create mode 100644 src/main/resources/application.yml

create mode 100644 src/test/java/com/javatechi/KafkaProducerExampleApplicationTests.java

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$ git status

On branch master

nothing to commit, working tree clean

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$ git log

commit a7c36e379b4d5c5297fea2096319b4047ae07755 (HEAD -> master)

Author: Anurag Shukla <anuragshukla0405@gmail.com>

Date: Sat Dec 23 11:04:54 2023 -0600

added kafka-producer-example to Local Repo

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

Modified one file and push into repository

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$ git status

On branch master

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: src/main/java/com/javatechi/KafkaProducerExampleApplication.java

no changes added to commit (use "git add" and/or "git commit -a")

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$ git add .

warning: in the working copy of 'src/main/java/com/javatechi/KafkaProducerExampleApplication.java', LF will be replaced by CRLF the next time Git touches it

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$ git status

On branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

modified: src/main/java/com/javatechi/KafkaProducerExampleApplication.java

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$ git commit -m "add one sop"

[master 3e78288] add one sop

1 file changed, 2 insertions(+)

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$ git status

On branch master

nothing to commit, working tree clean

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

Other Command to view author and comment

A screen shot of a computer program

Description automatically generated

A screenshot of a computer

Description automatically generated

Create Git Remote Repository and push your local changes to remote.

1)create remote repository same as your project name and push your changes as below

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$ git remote add origin https://github.com/ashukla0405/kafka-producer-example.git

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$ git push -u origin master

Enumerating objects: 38, done.

Counting objects: 100% (38/38), done.

Delta compression using up to 4 threads

Compressing objects: 100% (28/28), done.

Writing objects: 100% (38/38), 64.86 KiB | 4.99 MiB/s, done.

Total 38 (delta 3), reused 0 (delta 0), pack-reused 0

remote: Resolving deltas: 100% (3/3), done.

To https://github.com/ashukla0405/kafka-producer-example.git

\* [new branch] master -> master

branch 'master' set up to track 'origin/master'.

Ishan@DESKTOP-2RD0PUJ MINGW64 /c/Anurag/sourcecode/kafka-producer-example (master)

$

How to create git repository in remote

A computer screen shot of a computer code

Description automatically generated

A screenshot of a computer

Description automatically generated

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Description automatically generated