Introduction

This shell script file will facilitate automation of local git repository uploads to Amazon S3 buckets. When executed it creates and uploads a "source code tar ball artifact" file to an S3 bucket.

Usage

Script can be executed as "sh artifact.sh". When executed script will prompt for S3 bucket name, Access Key and Secret Access Key. You need enter these respective values for each prompt for script to function properly. Once these values are provided script will automatically create a tar file as below.

{git_repo_name}-{git_branch_name}.tar.gz
Eg : codefactory-master.tar.gz

This tar file will be then uploaded to the provided S3 bucket.

Assumptions

- Script assumes that the "git" command is available and the script runs against a Git repo.
- Script also assumes that host environment comes with the latest version of "aws" CLI
- Provided access credentials(Access Key/Secret Access Key) for the particular IAM user has write access to the bucket name provided to put objects.
- Script also assumes that provided bucket already exists in the relevant AWS environment and it won't create a new bucket if it does not exists.