

# EViews' Git add-in

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## Overview

GitEViews is an EViews add-in that runs git commands and display their output in EViews. It includes a Git GUI entry in the Add-ins menu that starts the GUI.

## 1 Summary

Git is a version control system that can be run from a command line or from several available GUIs, including Git GUI which is packaged with Git. This add-in provides a direct connection to the git command line from EViews and access to Git GUI from the Add-Ins drop-down menu. GitEViews enables users to run an exact copy of a git command directly from EViews; it also displays git log output in an EViews log window. For example, running

```
git commit -m "enter message"
```

from an EViews program or the EViews Command window will commit staged files with the given message.

### 1.1 GitEViews Options

The add-in has three options:

Option	Default	Description
repo_path	@datapath	points to the repository location.
log	true	display git logs in the EViews log window.
logOptions	-all logmsg	only disply git log message in the log window.

For example, running

```
git(repo_path = U:/filename, log = false) commit -m "enter message"
```

will commit the files in the repo located in the U:/filename folder, and it will suppress the log output. Running the code

```
git(repo_path = U:/filename, logOptions = all) commit -m "enter message"
```

will commit the files in the repo located in the U:/filename folder, and it will display in the log window not only the git messages but also all other EViews messages.

*NOTE:* To avoid the popup of a temporary workfile used to store the git log message, create a workfile called gitlogwf, like in the line below, and leave it open during your run.

```
wfcreate(wf=gitlogwf) u 1
```

## 2 References on Git

*The main reference on git is:*

<https://git-scm.com/>

*Git Command Line References:*

<https://git-scm.com/docs> (reference manual)

<https://git-scm.com/book/en/v2> (advanced book)

<https://github.github.com/training-kit/downloads/github-git-cheat-sheet.pdf> (Cheat Sheet)

*Reference for Git GUI:*

<https://git-scm.com/book/en/v2/Appendix-A%3A-Git-in-Other-Environments-Graphical-Interfaces>