gitver – Git version tags
for LaTeX projects

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This file is maintained by Charles Baynham.
Bug reports can be opened at
`https://github.com/charlesbaynham/gitver`.

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1 Introduction

The gitver package gets a description of the current git version of this document
and store it in a command `\gitVer`. If memoir or fancyhdr are in use, it will also
add this to the document footers unless the option "noheader" is passed.

It also defines a command `\versionBox` which outputs a box containing the
version and date of compilation.

For this to work, you must have git installed and available on the command
line, this document must be part of a git repository, and latex must be running in
"shell escape" mode. This can be enabled by passing –shell-escape on the command
line when compiling your docuemnt, or will be available in the options of whatever
GUI you're using (try Googling).

Note that it's a good idea to tell git to ignore all the latex auxilary files,
otherwise your version will always be "dirty". Try the .gitignore file from `https://www.gitignore.io/api/latex` if you don't already have one.

The package is released "as is" with no warranty under the LaTeX Project
Public License, version 1.3.

2 Usage

2.1 Macros

`\gitVer`   The main point of this package, the command `\gitVer` prints a string of text
describing the current revision of this git repository. Use like so:

> The current version of this repository is "`\gitVer{}`".

which compiles to

> The current version of this repository is "f038bd ".

`\versionBox`   Alternatively, you can use a `\versionBox`, most commonly in the footer:

> `\versionBox{}`

gives the output:

| Manuscript version: *#f038bd* - Wednesday 6th February, 2019 19:21 |

2.2   Footers

By default, gitver will try to place a \versionBox into the footer of your document. If you're using the memoir class or the fancyhdr package, this will happen automatically. This document has these footers enabled: have a look at the bottom of this page for an example.

noheader   You can disable the headers by adding the option noheader to the package call.

If you include gitver without either of memoir or fancyhdr loaded, it will complain. To suppress this complaint, pass the noheader option.

To customise the header / footer behavior, pass noheader and then use a combination of \versionBox and \gitVer to make your own headers/footers.

2.3   Metadata

nopdfinfo   By default, this package also adds the git tag to to pdf document's metadata under the subject field. To disable this behaviour, pass the option nopdfinfo.