

# git-trees

## Description

`git-trees` is a Git port of the Mercurial extension [trees](#). `git-trees` helps manage a set of loosely couple Git repositories in a uniform way - commands can in a convenient way be run in multiple nested Git repositories. `git-trees` will automatically discover any nested Git repositories upon first use, there is no need to configure anything. If eventual nested repositories changes then a user must run `git trees treconfigure` in order for `git-trees` to pick up the new hierarchy.

## Usage

```
$ git trees -h
usage: git-trees [options] <COMMAND> [<ARGS>]
      <COMMAND>                A git/hg command to run once for each repo, or
      treconfigure              to pick up changes in the tree hierarchy
      -m, --mercurial           Deprecated: force use of mercurial
      -h, --help                Show this help text
      --version                 Print the version of this tool
```

## Examples

Running the command `status --short` in the top-level repository and a nested repository:

```
$ git trees status --short
[/home/user/git/top-level]
M README.md

[/home/user/git/top-level/nested]
M CONTRIBUTING.md
```

## Configuration

It is common to alias existing command prefixed with "t" for running the equivalent command in the top-level repository and all nested repositories. The following sets up the alias `tstatus` for the command `trees status`:

```
$ git config --global alias.tstatus 'trees status'
```

Skara's [gitconfig](#) file comes with a number of aliases defined for the most common Git commands.

## Source

See [GitTrees.java](#).