

# **How to use hoe-manns**

## **Some useful tasks for Rake**

**Sascha Manns, <[Sascha.Manns@mailbox.org](mailto:Sascha.Manns@mailbox.org)>**

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# How to use hoe-manns: Some useful tasks for Rake

by Sascha Manns

Version 1.0.2 - Revision: 0

## Abstract

hoe-manns extends the standard Rake-Task with some useful new tasks.

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# Table of Contents

1. Round about .....	1
Documentation Conventions .....	1
Feedback .....	1
About the Making of This Documentation .....	2
Source Code .....	2
2. Introduction to hoe-manns .....	3
Introduction .....	3
Installation .....	3
3. How to use Ruby in your projects .....	4
4. The Tasks .....	5
5. Additional Information .....	6
A. Revision History .....	7
B. GNU Licenses .....	8
GNU Free Documentation License .....	8
Index .....	14

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## List of Tables

4.1. The Rake Tasks .....	5
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# Chapter 1. Round about Documentation Conventions

The following notices and typographical conventions are used in this documentation:

- `/etc/passwd`: directory names and file names
- `PLACEHOLDER`: replace `PLACEHOLDER` with the actual value
- `PATH`: the environment variable `PATH`
- `ls`, `--help`: commands, options, and parameters
- `user`: users or groups
- `package name` : name of a package
- **Alt**, **Alt+F1**: a key to press or a key combination; keys are shown in uppercase as on a keyboard
- File, File+Save As: menu items, buttons
- *Dancing Penguins* (Chapter *Penguins*, ↑Another Manual): This is a reference to a chapter in another manual.
- Commands that must be run with `root` privileges. Often you can also prefix these commands with the **sudo** command to run them as non-privileged user.

```
root # command
tux > sudo command
```

- Commands that can be run by non-privileged users.

```
tux > command
```

- Notices

## **Warning Notice**

Vital information you must be aware of before proceeding. Warns you about security issues, potential loss of data, damage to hardware, or physical hazards.

## **Important Notice**

Important information you should be aware of before proceeding.

## **Note Notice**

Additional information, for example about differences in software versions.

## **Tip Notice**

Helpful information, like a guideline or a piece of practical advice.

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Release Notes	<p>You can view the Release Notes on: <a href="http://saigkill.tuxfamily.org/documentation/hoe-manns-release-notes/index.html">http://saigkill.tuxfamily.org/documentation/hoe-manns-release-notes/index.html</a></p>

## About the Making of This Documentation

This documentation is written in DocBook 5 [<http://www.docbook.org>]. The XML source files were validated by **jing** (see <https://code.google.com/p/jing-trang/>), processed by **xsltproc**, and converted into XSL-FO using a customized version of Norman Walsh's stylesheets. The final PDF is formatted through FOP from Apache Software Foundation [<https://xmlgraphics.apache.org/fop>]. The open source tools and the environment used to build this documentation are provided by the DocBook Authoring and Publishing Suite (DAPS). The project's home page can be found at <https://github.com/openSUSE/daps>.

You can find the docbook sources of this documentation on <https://git.tuxfamily.org/saigkillsblg/documentation.git/>.

## Source Code

The source code of hoe-manns is publicly available on <https://github.com/saigkill/hoe-manns> for download links and more information.

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# Chapter 2. Introduction to hoe-manns

## Introduction

hoe-manns is an extension of the Ruby rake/rubygems helper for project Rakefiles hoe (see <https://github.com/seattlerb/hoe>.) It extends the standard Ruby tasks to some new useful tasks.

To use the software you will need an installed Ruby version (Higher or equal 2.2.0), bundler-audit and an installed and already configured hoe.

## Installation

For installing you have to type in your user shell: `tux > gem install hoe-manns`.

---

## Chapter 3. How to use Ruby in your projects

First, you have to open the `Rakefile` of your project and writes there near the `Hoe.spec` line:

```
Hoe.plugin :manns

Hoe.spec 'your project' do ...

end
```

Sure now you have to add `hoe-manns` as a dependency in your `Rakefile` and generate a new `Gemfile` now. Then `hoe-manns` is ready to work.



---

# Chapter 4. The Tasks

hoe-manns integrates some additional Rake-Tasks as explained in the next table.

**Table 4.1. The Rake Tasks**

Task	Effect
tux > <b>rake bundler:gemfile_lock</b>	updates a Gemfile.lock (does a ' <b>bundle update</b> ')
tux > <b>rake bundler:gemfile_install</b>	generates a new Gemfile.lock (does a ' <b>bundle install</b> ')
tux > <b>rake bundle-audit:run</b>	downloads the actual security warnings from bundle-audit and checks possible problems by the dependencies.
tux > <b>rake clean-pkg</b>	checks if a "pkg" directory is present, if then it will be deleted.
tux > <b>rake copy_master</b>	it expects a branch "develop" and merges the new stuff into the master branch. Then it runs a rake <b>git:tag</b> and returns again into the develop branch.
tux > <b>rake remove_pre_gemspec</b>	checks the presence of a Pre-Gemspec (a generated file for test cases) and deletes them.
tux > <b>rake run_before_release</b>	runs the task in that order: git:manifest, bundler:gemfile, bundler:gemfile_lock, gem:spec_remove, bundle_audit:run, copy_master.

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# Chapter 5. Additional Information

The API-Documentation is placed there: <http://www.rubydoc.info/gems/hoer-manns>.

## Note

This software was developed and tested on a Linux system with RVM as Ruby manager. If anyone has any idea to make the software fit for other OS and Ruby managers, then you can send a Merge-Request on Launchpad (See Feedback section).

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# Appendix A. Revision History

Revision History

Revision 1.0.2-0

Sat Apr 14 2018

Sascha

Manns<Sascha.Manns@mailbox.org>

Updated projects and documentation url

Revision 1.0.1-0

Mon Nov 13 2017

Sascha

Manns<Sascha.Manns@mailbox.org>

Spell and Grammar check

Revision 1.0.0-0

Fri Nov 03 2017

Sascha

Manns<Sascha.Manns@mailbox.org>

Moved documentation from publican to daps.

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# Index

## A

API Documentation, 6

## I

Installation, 3

Introduction, 3

## R

Rake Tasks, 5

Revisions, 7

## U

Usage, 4