

# 02 Version Control

*Version control, also known as revision control and source control, is the management of changes to information. A version control system keeps track of software versions throughout development. A distributed version control system allows many developers to work on a given project without requiring that they maintain a connection to a common network.*

## Introduction

We use [Git](#) for distributed LabVIEW code version control. Our code repositories are managed externally on a [GitLab](#) server and internally on a Git server.

**In order to be able to work on our LabVIEW code, you need to follow the steps described in the [setup section](#) of our [Git knowledge base](#):**

- [01 Setup](#)
- [02 Configure](#)
- [03 SSH](#)
- [04 Debugging](#)
- [05 Further Resources](#)
- [11 Basic Usage](#)
- [12 Git Tags](#)
- [13 Git Submodules](#)
- [14 Advanced Usage](#)
- [21 Single Commit Clone](#)
- [22 Split Repositories](#)
- [23 Git LFS](#)
- [24 Git Bundle](#)
- [31 Subversion Migration](#)

If you only need a manual export of the contents of a repository on GitLab, you can [simply download the source code](#) instead of using git to clone it.

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## SCC Better Practices

You can find more information on how to work with(in) Source Code Control in our [Better Practices](#) section:

- [01 Rules & Guides](#)
- [10 Workflow](#)
- [11 Gitflow Workflow](#)
- [12 Project Forking Workflow](#)
- [13 Fork Setup](#)
- [14 Smartgit Setup](#)

- [15 Sourcetree](#)

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## Version Numbering

Please read [Version Numbers](#) for more information on our version number formats and policy.

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