

Understand Architectures

Table of Contents

1. [Calendar](#)
2. [Directory Structure](#)
3. [Git Author](#)
4. [Git Date](#)
5. [Language](#)
6. [Visual Studio](#)

Calendar

An architecture that organizes file entities by date modified, relative to today (e.g. Today, Yesterday, etc.).

Directory Structure

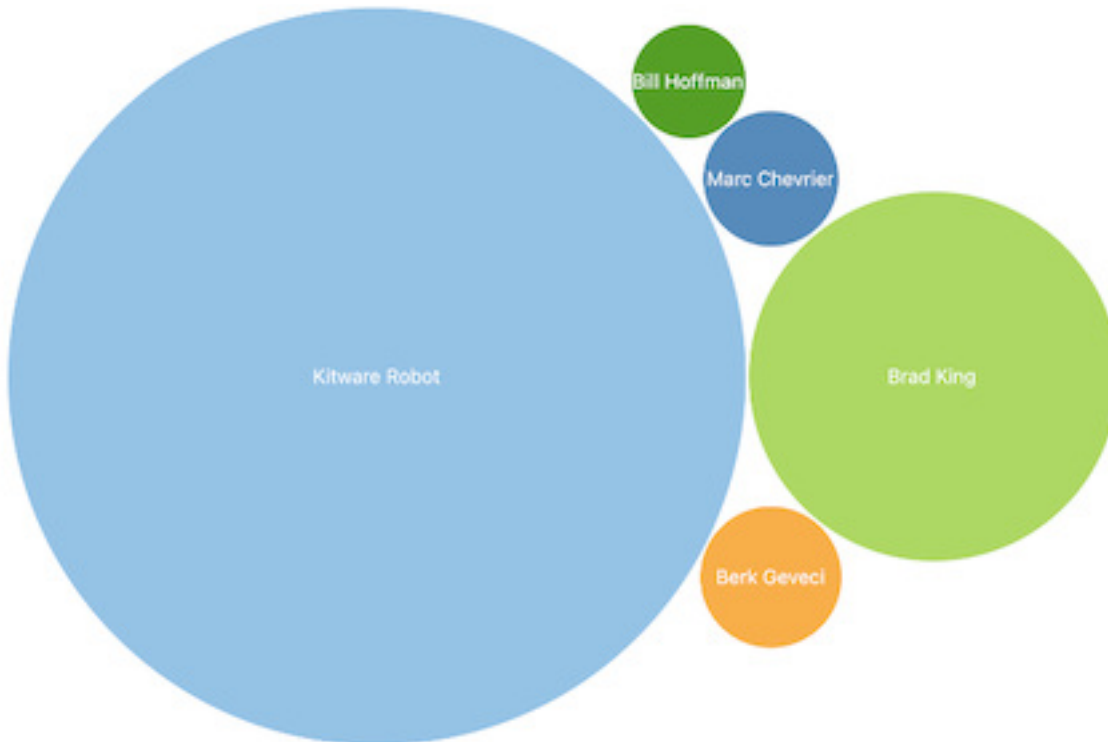
A trivial architecture that organizes file entities by their path in the file system.

Git Author

Languages: Any
Group files by Git author.

By default, this plugin uses the most recent author, showing the last author to modify a file. It can also be configured to show the creator (first author).

Example: the "Top 5" chart of this architecture for the CMake project.



Compare to the [Git Owner](#) architecture which groups by the author with the most commits. See also the Git Solution, the [blog article ↗](#) describing the Git plugins, the interactive report Git Authors, and the metric Authors .

Git Date

Languages: Any

Group files by Git dates.

This architecture can group by the first commit (creation date) or last commit (most recently modified date). The architecture can be structured with absolute dates (YYYY/MM) or relative dates (This Week, This Month, etc).

- ▼ **Git Last Modified**
 - > **Earlier**
 - > **This Quarter**
 - > **This Week**
 - > **This Year**
 - ▼ **Today**
 - AnnotationCard.cpp (File)*
 - CodecheckPage.cpp (File)*
 - CommandCodeCheck.cpp (File)*
 - decl.cpp (File)*
 - htmlpdf.cpp (File)*
 - MainWindow.cpp (File)*
 - MetricsOverviewPage.cpp (File)*
 - PluginsDialog.cpp (File)*
 - PluginsDialog.h (File)*
 - understand.cpp (File)*
 - understand.cpp (File)*
 - UnderstandStyle.cpp (File)*
 - uvalid.cpp (File)*
 - Validator.cpp (File)*
 - Validator.h (File)*
 - WorkspaceWindow.cpp (File)*
 - > **Yesterday**

The full list of of relative date categories is:

- Today
- Yesterday
- This Week
- This Month
- This Quarter
- This Year
- Earlier

Compare to the [Git Stability](#) architecture which allows identifying frequently modified files. See also the Git Solution, the [blog article ↗](#) describing the Git plugins, the interactive report Git Commits, and the metrics Commits, Days since creation and Days since modified .

Language

An architecture that organizes file entities by file type (e.g. Ada, C, C++, etc.).

Visual Studio

An architecture that organizes file entities by the Visual Studio project/solution file they come from.