# Ma_Sys.ma D5Man 2

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## Overview

Ma_Sys.ma D5Man 2 is a set of programs and auxiliary resources intended to build a locally run knowledge base. It consists of the following individual components:

d5manapi
> *Application Programming Interface* providing access to page metadata by means of a REST (Representational State Transfer) interface. See d5manapi for details.

d5mantui
> *Terminal User Interface* as an interactive means to query for D5Man pages. See d5mantui for details.

d5manexport
> Multiple programs to export a special instance of pandoc's Markdown by invoking the pandoc utility (not part of D5Man). Two export scripts are supplied: d5manexportpdf exports a single page to a printable PDF document; d5manexporthtml exports a whole directory structure of D5Man pages to a specified directory.

IAL (Information and Links)
> The D5Man API allows for integration of pages which are not in D5Man's Pandoc Markdown format but e.g. HTML by specifying separate files with D5Man-style metadta for such existing files. See *Information and Links (IAL)* for details.

Auxiliary Resources
> The package provides a syntax file markdown.md as a replacement for VIM's default Markdown style. This style makes sections more visible and is loosely inspired by the style used in D5Man Legacy.