Recent documentation is found at:

- `Sympa::Internals(3)`
- `sympa_database(5)`

Please take note that this work is still ongoing. The documentation should grow in a near future. 😊

**× Internals**

In this chapter, we will provide extensive information on what Sympa looks like “under the hood”. We hope this documentation will be particularly helpful to developers.

**Database structure**

This section was obsoleted. See the manual page `sympa_database(5)` bundled in Sympa distribution.

See the dedicated page that describe each table of [Sympa database](https://www.sympa.org/)

**Focus on the main Sympa modules**

This section was obsoleted. See the manual page `Sympa::Internals(3)` bundled in Sympa distribution.

This chapter describes these modules (or a part of them):

- `src/mail.pm`: low level of email sending;
- `src/List.pm`: list processing and informations about structure and access to list configuration parameters;
- `src/sympa.pl`: the main script, for messages and mail commands processing;
- `src/Commands.pm`: mail commands processing;
- `wwsympa/wwsympa.fcgi`: web interface;
- `src/report.pm`: notification and error reports about requested services (email and web);
- `src/tools.pm`: various tools;
- `src/Message.pm`: message object used to encapsule a message received.
- `wwsympa/SympaSession.pm`: session object use to manage user context with a single cookie and a session table
- `wwsympa/Auth.pm` to be completed
- `wwsympa/ajax`: ajax;

A graph of subroutines for messages process
Sympa modules sorted by directory

This section was obsoleted. See the manual page `sympa_toc(1)` bundled in Sympa distribution.

This section presents all the files used in the Sympa engine. The files described are those contained in the sources, consequently:

1. you will not find the files generated at compilation time,
2. the files are not located in the same directory as you will find them in the compiled application.

Failing a better alternative, we present them as they appear in the src directory from the source distribution.

```./* : Sympas sources root directory```

These scripts are run at installation time. They perform the operations necessary to the correct install and runtime of Sympa.

- `check_perl_modules.pl` : This script checks installed and required Perl modules. It also does the required installations.
- `important_changes.pl` : This script prints important changes in Sympa since last install. It is based on the NEWS ***** entries.
- `set_symlinks.pl` : This script sets symbolic links at installation time.
- `subst.pl` : This script replaces --VAR-- occurences at installation time.

```.*/doc/*```

- `Fix Me! parse_tex.pl`

```.*/po/*```

- `Fix Me! checklocales.pl`
- `Fix Me! xgettext.pl`

```.*/soap/*```

- `Fix Me! sympa_soap_client.pl`
- `Fix Me! sympasoap.pm`
- `Fix Me! sympa_soap_server.fcgi`
- `Fix Me! SympaTransport.pm`

```.*/src/*```

- `Fix Me! admin.pm`
- `Fix Me! alias_manager.pl`
- `Fix Me! aliaswrapper.c`
- Archive.pm
- bouncequeue.c
- CAS.pm
- Commands.pm
- Config_XML.pm
- Conf.pm
- Datasource.pm
- Family.pm
- familyqueue.c
- Fetch.pm
- Language.pm
- ldap.pm
- List.pm
- Lock.pm
- Log.pm
- Message.pm
- parser.pl
- PlainDigest.pm
- queue.c
- report.pm
- SQLSource.pm
- sympa.pl
- sympa_wizard.pl
- task_manager.pl
- Task.pm
- time_utils.pl
- tools.pl
- tt2.pl
- Upgrade.pm
- Version.pm
- virtualwrapper.c

```
./src/etc/script/
```

- arc2webarc.pl
- arcrepair.pl
- crypt_passwd.pl
- find_missing_messages.pl
- init_comment.pl
- ldap_alias_manager.pl
- mod2html.pl
- mysql_alias_manager.pl
- p12topem.pl
- testldap.pl
- testlogs.pl
- tpl2tt2.pl
```
./wwsympa/

- Fix Me! archived.pl
- Fix Me! Auth.pm
- Fix Me! bounced.pl
- Fix Me! bounce-lib.pl
- Fix Me! cookielib.pm
- Fix Me! Marc.pm
- Fix Me! SharedDocument.pm
- Fix Me! wwslib.pm
- wwsympa.fcgi
- Fix Me! wwsympa_sudo_wrapper.pl

./wwsympa/Marc/

- Fix Me! Search.pm
```

From: https://www.sympa.org/ - Sympa mailing list server

Permanent link: https://www.sympa.org/internals/index

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