

# Howto: Project documents

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# Summary

- Why do we need documents?
- What should be included?
- Tools
  - Wiki
  - Blog
  - Issue tracker
  - Mailing list
- Specifications
  - Project framework
  - Modules implementation

# Why do we need documents?

- For project management
  - Requirement / task / bug tracker
  - Know project infrastructure & details
  - Know progress each other
- For knowledge management
  - Share knowledge fast
  - Share knowledge permanently

# What should be included?

- Project requirement
- Task progress & todo list
- Daily progress report
- Project Framework
  - Module interfaces
- Modules implementation
  - Module design details
  - Development practice
    - Coding details, as log of problems/bugs and how to solve them.

# Wiki

- **Project/knowledge management**
  - **Know project infrastructure & details**
  - **Share knowledge permanently**
- Common knowledge
- Project framework
  - Module interfaces
- Modules implementation
  - Module design details
  - Development practice
    - Coding details, as log of problems/bugs and how to solve them.

# Blog

- **Project/knowledge management**
  - **Know progress each other**
  - **Share knowledge fast**
- Daily progress report
  - Know progress each other
- Share knowledge fast
  - Share interesting articles & news
  - Give a link of wiki new/modified document

# Issue tracker

- **Project management**
  - Requirement / task / bug tracker
  - Know progress each other
- **Share knowledge fast**
  - Give a link of wiki development practice
    - Coding details, as log of problems/bugs and how to solve them.

# Mailing list

- **Project management**
  - **Subscribe updates**
  - **Contact with each other**
- **Subscribe updates**
  - Blog
  - Wiki
  - Issue tracker
  - SVN code commits



# Specifications

- Project framework
  - Module interfaces
- Modules implementation
  - Module design details
  - Development practice
    - Coding details, as log of problems/bugs and how to solve them.

# Howto: Project framework

- Change log
  - Write what changes and give a link to old version.
- Framework summary
  - Show the relation of modules (using images).
  - Explain the relation, and describe the functions / orientations of each module.
- Module interfaces
  - Describe details of interfaces.
  - Implementation notes of the interfaces.
  - Link to documents of module implementation.
- Terms
  - Explain important terms used.

# Example

- Project X have 3 modules: A, B, C.
- And now we are writing version 2.0 of X's framework.
- See next slide.

# Example

- Change log
  - yyyy-mm-dd: Version 2.0 changes. Version 1.0 is X-V1.
- X's framework
  - Relations of modules A, B, C.
  - Describe the orientations of A, B, C.
- Module A
  - Interfaces of A.
  - Implementation notes of A.
  - Link to implementation document of A.
- Module B & C
  - Same as A.
- Terms
  - Important terms used in this document.

# Howto: Modules implementation

- Module design details
  - Same as "Howto: Project framework".
- Development practice
  - Coding details, as log of problems/bugs and how to solve them.

Thanks