

# **EP1000**



## **Documentation**

# Documentation

- Definition:

Ref: dictionary.com

## documentation

[ dok-yuh-men-tey-shuhn, -muhn- ] [SHOW IPA](#)  

[See synonyms for documentation on Thesaurus.com](#)

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*noun*

- 1 the use of documentary evidence.
- 2 a furnishing with **documents**, as to substantiate a claim or the data in a book or article.
- 3 *Computers.* manuals, listings, diagrams, and other hard- or soft-copy written and graphic materials that describe the use, operation, maintenance, or design of software or hardware:  
*The documentation for the driver program is displayed on the screen.*

[What is documentation and its techniques?](#)

# Why document?

"Documentation is important as it showcases all your processors from Ideations, Prototyping to Final Design. It creates a systematic flow of your work and allows everyone to have a good understanding of project.

- Requirements:
  - Fieldwork
  - Training in transcribing experiences
  - Recording of experiences

# Documentation Techniques

- What to collect?
  - Written text
  - Images (Photos, Videos, Drawings)
  - Sound / Videos (Recordings)
- Purpose
  - aim to collect information
  - create high quality materials
  - enable recovery of knowledge
  - generate resources on the information
- Dependent on what you want to record
  - convenience
  - portability
  - relevance
  - pros and cons

# Exercise

- How would you document the category as shown below:
  - what you told someone
  - the posting of a letter
  - a payment for an item
  - an accident
  - a project
- Where would you put all this information?

# Project Documentation

- Requires
  - text descriptions
  - images – photos, drawings, sketches
  - video
  - audio
- Best Methods
  - Easy to learn and use
  - Easily accessible, updateable
  - Able to store all of the above
  - Achievable
- Post on WWW in a shareable/archiveable location

# Best Solution

- Use PURE text
  - No need for special software/editors
  - Readable across platforms
- Publish on the WWW
  - Use HTML – defines content
  - Use CSS – defines layout
  - Use Markdown – simple content creation
- Achievable / Shareable locations
  - github sites
  - gitlab sites

Why **NOT** use WIX?

# Pure Text Editors

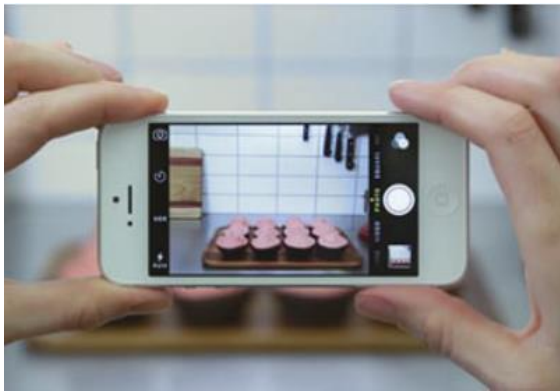
- Why not Microsoft Word / WordPad / LibreOffice ?
  - Word Processors
  - Have different formatted files with binary/inserted code
  - May be difficult to read cross-platform
- Recommended Text Editors
  - [Notepad++](#)
  - [Github Atom](#)
  - [Sublime Text 3](#)
  - [Visual Studio Code](#)
- Advantages over other text editors
  - Unlimited Text Length
  - Syntax Highlighting, Enhancements, Scripts, Snippets
  - Open Source/Free, Cross Platform

Windows Users should look at [Portable Apps](#)



# How to write documentation?

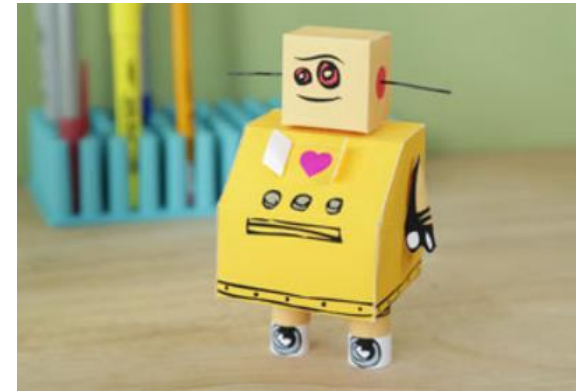
- Practise
- Document as you work
- Write step-by-step as you develop
- [Instructables](#) !



Make something, and document the process as you go.



Explain what you made with text, images, video, and files.



Publish your amazing project to the web.

[How to Write an Instructable class - Jessieratfink](#)

**EP1000**  
**Documentation**  
**End**