

THE DARK LADY

AWAKENS

DATA ORGANIZATION DOCUMENT

Current Owner: Niccolò Cappellini

The **purpose** of this document is to show which software applications will be used for the development of the project. There will be defined the standard protocols to follow such as how to handle Data Types and storage, the directory structure, naming convention and how the data is stored.

Creation date: 16/10/20 15:15

REVISION HISTORY

Last Modification: 18/12/20 17:23

| WHO | WHEN | WHAT |
|--------------------|------------------|--|
| Niccolò Cappellini | 16/10/2020 15:15 | Document created |
| Ridiculus Boggarts | 16/10/2020 17:48 | First draft of the document |
| Niccolò Cappellini | 16/10/2020 14:06 | Added Whiteboard link |
| Niccolò Cappellini | 29/10/2020 14:00 | Updated Directory Structure and File Naming Convention |
| Niccolò Cappellini | 04/11/2020 16:59 | Updated font format |
| Ridiculus Boggarts | 16/11/2020 17:55 | Added Milestone 1 review suggestions |
| Niccolò Cappellini | 24/11/2020 10:03 | Updated SW list and naming convention |
| Stefano D'Ambra | 18/12/2020 16:34 | Updated directory structure |
| Ridiculus Boggarts | 18/12/2020 17:23 | Revision |

SOFTWARE LIST

Organization Software

Google Documents (2020), Discord (V. Stable 69536), Whiteboard (V. 20.10)

Development Software

Github Desktop (V. 2.5.6)

Other Development software will be confirmed when the digital prototype is going to be developed, at the moment we think we will be going to use Unity 2019.4, JetBrains Rider 2020.2 and SketchUp.

Editing Software

Photoshop CC 2018, Diagrams.net (13.8.6), Piskel (v0.14.0), RPG map editor 2 (16.2)

Environments

Microsoft Windows 10 (1909)

DATA TYPES & FORMAT

Text

Details in the dedicated appendix section.

Pictures

*.png, *.jpg, *.psd (Photoshop project extension), *.drawio (Diagrams.net project extension), *.piskel (Piskel project extension), *.json (RPG map editor 2 project extension).

- General jpg image standard:
 - Resolution: Min = [32px, 32px], Max = [5120px, 5120px]
 - Dpi: Min = 72, Max = 300
- General png image standard:
 - Resolution: Min = [32px, 32px], Max = [5120px, 5120px]

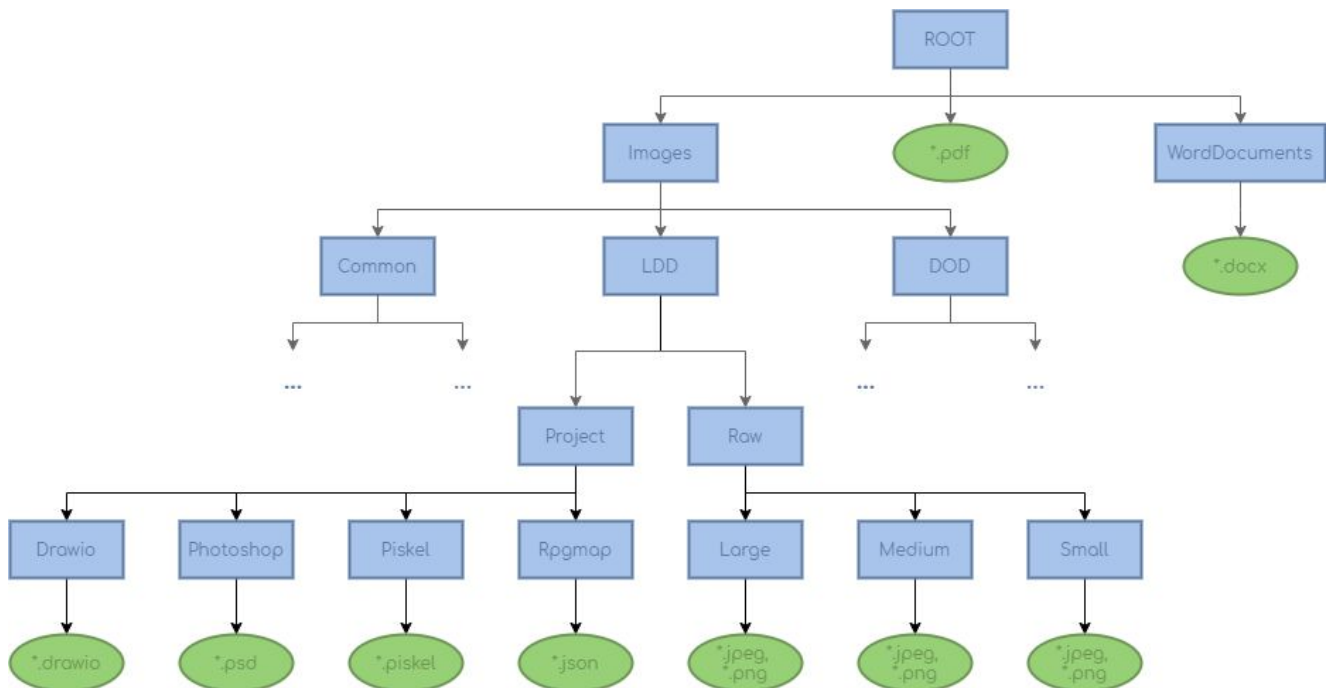
DATA STORAGE & ACCESS

The team has a shared Google Drive folder for quickly sharing all needed files, whereas all the datas that are going to be used will be stored into a GitHub repository.

Backup

All files about the project are available on GitHub repository, managed by Edoardo Carrer and a copy of the project is stored in our personal pc.

DIRECTORY STRUCTURE



In the root folder is possible to find the pdf version of the documents whereas their docx version can be found in WordDocuments folder, inside Images. The images are organized in subfolders based on use: in common we find the images used in all documents, in LDD the images used only on LDD and so on. Every type of image must be inside a folder named "Raw", while each file related to an editing software must be inside a folder named "Project".

Inside the "Raw" folder there are 3 subfolders: "Small" (maximum size 512x512px), "Medium" (maximum size 2048x2048px) or "Large" (maximum size 5120x5120px). In the folder "Project" there are 4 subfolders: "Photoshop", "Drawio", "Piskel" and "Rpgmap".

FILE NAMING CONVENTION

For folders: Camel Case (e.g. FolderName)

For files: Prefix shown in the table 1 followed by specific code in table 2 then Camel Case followed by extension (e.g. IMG_SET_FileName.ext)

| Prefix | Type | Format |
|--------|-----------|-----------------------------------|
| IMG_ | Images | *.jpeg, *.png |
| PRJ_ | Projects | *.psd, *.drawio, *.piskel, *.json |
| DOC_ | Documents | *.docx, *.pdf |

table 1

After a prefix, a semantic abbreviation can be added to give more information. It's possible to concatenate more abbreviations when needed, but they must respect an alphabetical order (e.g. IMG_LVL_1_MAP_cavern.ext).

| | |
|----------------|--------------------------------------|
| <prefix>BHV_ | Behaviour |
| <prefix>BT_ | Battle |
| <prefix>CH_ | Character |
| <prefix>CHR_ | Character relation chart |
| <prefix>CHW_ | Character wheel |
| <prefix>CLT_ | Collectable |
| <prefix> | Enemy |
| <prefix>FLW_ | Flowchart |
| <prefix>GNR_ | General |
| <prefix>ICN_ | Icon |
| <prefix>LVL_N_ | Level, where "N" is the level number |
| <prefix>MAP_ | Level map |
| <prefix>PLR_ | Player |
| <prefix>PZL_ | Puzzle |
| <prefix>SET_ | Location settings |
| <prefix>STR_ | Story |
| <prefix>UI_ | User interface |
| <prefix>VSL_ | Visual |

table 2

APPENDIX

Text

*.docx, *.pdf

Font used: Comfortaa

| Paragraph Type | Size | Bold | Italic | Underlined |
|----------------|------|------|--------|------------|
| Normal text | 11 | no | no | no |
| Title | 18 | yes | no | no |
| Header 1 | 14 | yes | no | no |
| Header 2 | 12 | yes | no | no |
| Header 3 | 11 | yes | no | no |