



DATA MANAGEMENT DOCUMENT

STRANGER THINGS

Secrets of the Upside Down



Gerard Baholli

943594 - gerard.baholli@studenti.unimi.it

Edoardo D'Angelo

947729 - edoardo.dangelo@studenti.unimi.it

Mihail Moraitis

953609 - mihail.moraitis@studenti.unimi.it

Purpose

This document presents the guidelines for data management that all project members must comply with. These guidelines are shared with all members without any exceptions. The purpose of this document is to follow the same rules in order to avoid problems due to the use of different software or different versions of them.

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Gerard Baholli

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Revision History				
Who	Date	Comment		
Gerard Baholli	03/11/2019	Creation of this document		
Gerard Baholli	08/11/2019	Added chapter 1		
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1 Software List

1.1 Asset Editing Software

- Sketch version 60 (88103)
- draw.io Online
- Photoshop CC 2019 20.0.6

1.2 Development Software

- RPG Maker MV Version 1.6.1
- Visual Novel Maker Version 1.0.1077
- Git 2.23.0

1.3 Organization Software

- LaTeX 3.14159265-2.6-1.40.20
- TeXstudio 2.12.16
- Fork 1.42.0.0
- Trello Online
- Google Drive Online
- **Discord** 0.0.225
- **Telegram** 5.8 (185085)

1.4 Environments

We use software not tied to the operating system except for Sketch.

- Windows 10 Home v1903
- macOS Catalina 10.15.1

2 Data Types and Format

2.1 Text

The document is written in LaTeX so all the new chapters inserted in the document must be written in a .tex file and then be included in the main.tex. Keep in mind that all the formatting rules are contained in the main.tex so if you want to create new documents make a copy of the main.tex file and start from that. Documents that act as a draft can be written in .txt or .md format.

2.2 Pictures

Different formats are allowed for the images to be uploaded, but in some cases it's important to respect the dimensions contained below:

Use	Format	Info
Reference Images	.png .jpeg	256 dpi or more
Character Icons	.png	70x70 px
Circumplex	.png	600x600 px
Maps of relations	.png	600x600 px
Vector Graphics	.sketch	-
Draw.io files	.png (export)	-

2.3 Sounds

For soundtracks and sound effects of the levels, adopt the .mp3 format at 128 Kbps.

2.4 Diagrams

The diagrams were drawn by draw.io, for any change, go to Google Drive and edit directly the source diagram contained in it, at the end export the diagram according to the rules contained in paragraph 2.2. If you want to add new diagrams, use draw.io and export them according to the rules described in paragraph 2.2, rename it according to the rules contained in chapter 5 and insert it in the appropriate folder according to the rules of chapter 4.

3 Data Storage and Access

Data Manager: Gerard Baholli

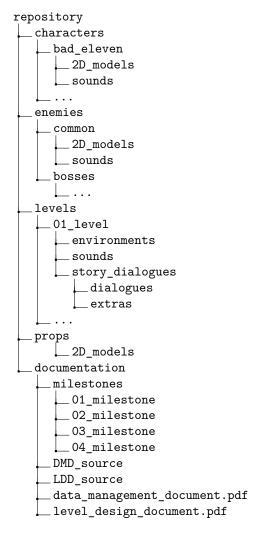
The shared data are hosted in a remote repository on GitHub. The data is also constantly synchronized through the Google Drive synchronization and backup service. Moreover, the data are pushed in the remote repository at the end of each day. For new members who need to access data shared by project members, write to <code>gerardbaholli@live.it</code>.

3.1 Backup

Data is backed up on a Google Drive shared folder, every Friday evening between 18:00 and 18:30. For each back up a folder is created with today's date as name: $YYYY_MM_AA$. This ensures us a backup version every week.

4 Directory Structure

The files in the folder are divided by theme, if you want to access information about a particular character just go to the relating sub-folder of that character and you will find all the material. The structure of the directory must be preserved to allow non-dispersion of the files. It is also important not to create multiple copies of the same file located in different paths, this to make the directory easily accessible to other users.



In this tree the main folders are displayed but in them there are other sub-folders that contain the files and keep them in order, distinguishing them by level or by type.

5 File Naming Conventions

The purpose of having a convention for file names is to keep the file order constant. Below the general rules to be respected:

- Always use lowercase words to rename files.
- Every file name must respect the format "(date_)chapter_description(_number)". The date should be used on project files and not on export files (for example a sketch file should report the creation date while its export in png don't). The number should be reported in files that have the same description but different contents. Keep care to write the chapter and the description following the camel case rule.
- Do not use spaces. Some software will not recognize file names with spaces, and file names with spaces must be enclosed in quotes when using the command line. For this reason never insert a space character (" ") but instead insert an underscore ("_").
- Special characters such as ~! @ # \$ % ^ & * () ' ; < > ? , [] { } ' " and | should be avoided.
- When using a sequential numbering system, using leading zeros for clarity and to make sure files sort in sequential order. For example, use "001, 002, ...010, etc." instead of "1, 2, ...10, etc.".
- Try to use 30 or fewer characters whenever possible.
- Every date must be written in the format YYMMDD.

Some examples can be:

worldDiagram_graph.png
giantChasm_ambientSound_03.mp3
191114_circumplex_badEleven.sketch