Drexel University

oStoryBook

Project Part 1

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SE 410-001

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The name of the project that we are focusing on is oStorybook. It is an open source project used to assist in novels and other types of writing. This project can be downloaded for free from SourceForge (<http://sourceforge.net/projects/ostorybook/>). The latest version of this project, version 4.9.16, is easily accessible by means of a 37.2 MB zip file download.

The original developers of this project are as follows: Martin Mustun, Franz-Albert Van Den Bussche, and Don Edwards. Martin Mustun is from Switzerland and he wrote the original Storybook through version 4.0.9. Franz-Albert Van Den Bussche is from France and he took over with version 4.9.x and is the current developer. Don Edwards is a fantasy/science-fiction author and retired programmer in the United States who built their current website, mostly by digging in archives.

Martin Mustun originally released the project sometime around 2008. The first documented release on the website was version 2.0.10, which was released on January 11, 2008. By September 2013 they were on version 4.0.9 and were about to release version 4.0.10. Then the project suddenly disappeared from SourceForge. A while later Franz-Albert Van Den Bussche, who had downloaded the source code when it was available on SorceForge, began releasing new versions. He is the current project developer and is in the process of releasing a version 5.0.

There is not much documentation on the older original versions since much of that information was lost when the project was shut down. The first version with documentation is version 4.9.10, which was released January 16, 2014.

Some changes that were made in between version and the current version are:

-code correction and restructuring

-the translation into French

-a new user interface

-new packaging for Linux distributions

-the ability to export HTML book with multi-user files

Some bugs that have been reported are:

-inconsistent paragraph spacing

-when editing a scene or item it will edit the previously selected item and change its value to “null”

-a blank “manage scenes” page

-in reading mode chapter titles do not show unless both the property and the chapter-numbers property are on

-the "open recent" menu item then the editor window always malfunctions.

oStorybook is a free open source application that assists you in structuring your book. You can manage all of the aspects of your book in one simple, easy to use application. Characters, scenes, locations, items and ideas are all in one place and easily accessed by the user. It takes pride in its simple user interface that lets you create objects, assign them to each scene, and have an overview of your current progress with the included simple chart tools. The program is written in the Java language and runs on the Java Platform. This is the web link to documentation for the 4.X versions of the program. (<https://ostorybook.wordpress.com/docsen_v4_introduction/>)

An in-depth analysis of the program’s metrics is available in the Project Part 1 folder under the file MetricResults.pdf.

Some of the key metrics for this project are as follows:

-LOC – 49,804

-Number of Packages – 176

-Number of Classes – 810