

# **EZ-Doc - Generic Documentation Code Generator**

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## **Introduction**

Creating web documents for a large codebase can be overwhelming. Even though there are many automated HTML report generator applications; it still may prove to be difficult to use them. If the user (s) did not adhere to the specifications of their web document generator, they would have one of three options. The first option would require them to reformat their source code. If proved to be too difficult, they could search for an application that matches their documentation style. Lastly, the user may believe that the time wasted on option one and two would be better spent on creating the HTML report by hand. Therefore, an application to perform this task must be created. A program that is flexible enough to be told what to look for and what to do with it. To accomplish this, it will consist of four main components: graphical user interface (GUI), file manager (FM), file translator (FT), and script interpreter (SI). The GUI will make it easier to perform the work needed to be done. FM's main task is navigating through the user's computer to find what to convert. Finally, FT and SI are designed to work together to process the document. EZ-Doc is meant to simplify the process in creating HTML reports, saving time and money.

## **Objectives**

March 14, 2016	Report on how we are going to create the application. Visual Layout of Application UML Diagram.
March 21, 2016	Responsive GUI. FM will be able to search for specified data Outline of FT Outline of SI
March 28, 2016	Established Communication between the GUI and FM. Have the FT able to recognize keywords Have the SI recognize commands/instructions defined by script.
April 04, 2016	Established Communication between the FT and SI. Established Communication between the GUI and the FT.
April 11, 2016	Create installation wizard for application. Create website using this application to demonstrate that it is in working condition. Manual on how to create custom scripts to match user needs.

## **Deliverables**

Final product includes the following: installation wizard, source code on a git-repository, and documentation.