|  |  |  |
| --- | --- | --- |
| Design of HalogenUI plugin in Eclipse | August 26  2011 | |
| [Type the abstract of the document here. The abstract is typically a short summary of the contents of the document. Type the abstract of the document here. The abstract is typically a short summary of the contents of the document.] | | [Type the document subtitle] |

Table of Contents

[Function Description 4](#_Toc302136183)

# Function Description

This function of this plug-in is for facilitating the HalogenUI key/value replacement during the coding process.

# High Level Design

This plug-in hook onto the Eclipse extension points of preferences setting and menu. Users need set the HalogenUI.xml file path in the preferences page in the first use of the plug-in. The context menu of the editor will let users search the HalogenUI value by with a key or search the key with a value.

The plug-in will phase the HalogenUI.xml file and do xpath search to return the value or key which users are searching for. There is no DOM tree object stored in the memory at this stage, but there is a plan to add a preference choice for users to pick if the DOM tree will be loaded in before using it.

# Detailed Design

## Use cases