

Code Snippet Manager

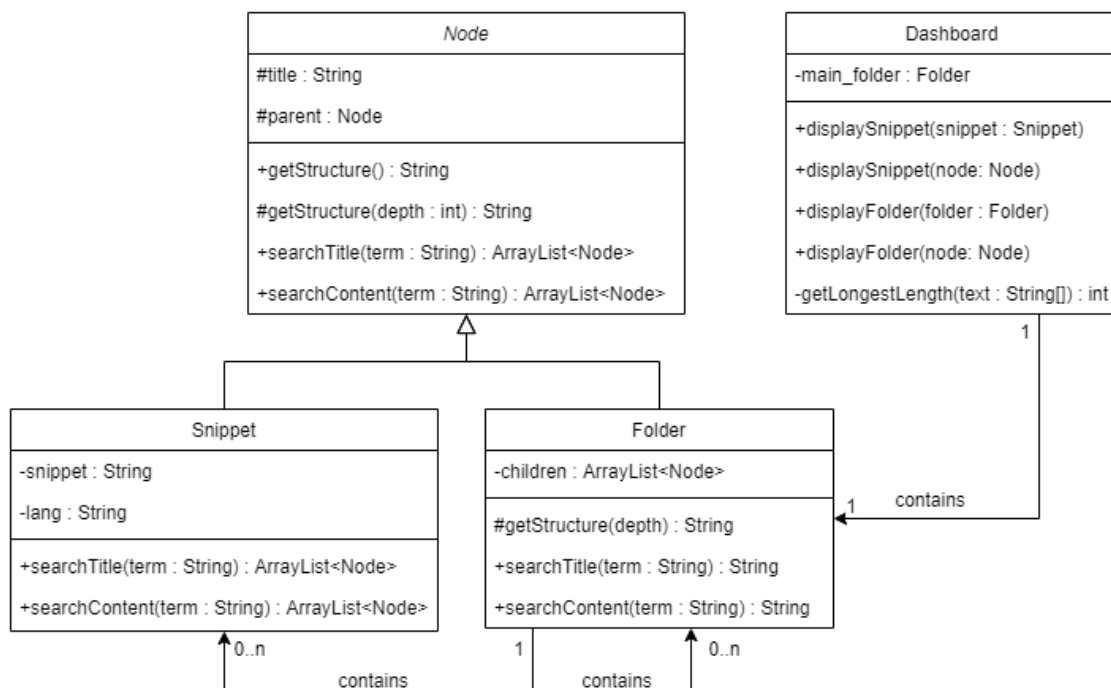
A simple tool for code snippet management

1. Target application

The target software is a tool for managing code snippets from a wide range of languages. It's meant to be easy to use while at the same time being extendable (e.g. user-submitted syntax coloring rules). It will support syntax coloring for multiple languages and allow the user to group saved snippets based on used language, picked tags or manually distribute them across named folders.

2. Current state

The submitted project can host a simple file structure containing snippets. It also has a rudimentary search capability based on folder and snippet titles or snippet contents. Currently it has no persistent memory and only allows the user to traverse an example folder structure using a simple command line interface.



3. Data design

Both Snippets and Folders are treated as Nodes within a tree-like file structure. Folders can contain other Nodes, and Snippets can contain two strings of text - one representing the snippet itself and the other denoting the used programming language. All nodes also have a title which can be used to identify them.

4. Interface design

Currently the application only allows the user to explore an example file structure made up of several Folders and Snippets. A special class Dashboard is used to manage the interaction between the user and the system. It holds the root directory and is responsible for displaying its structure and contained Snippets.