

SourceToHtml

Sample presentation – intended to help you
construct a presentation for TextFinder

Sample Design for Code-a-thon 2020

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Users and Uses

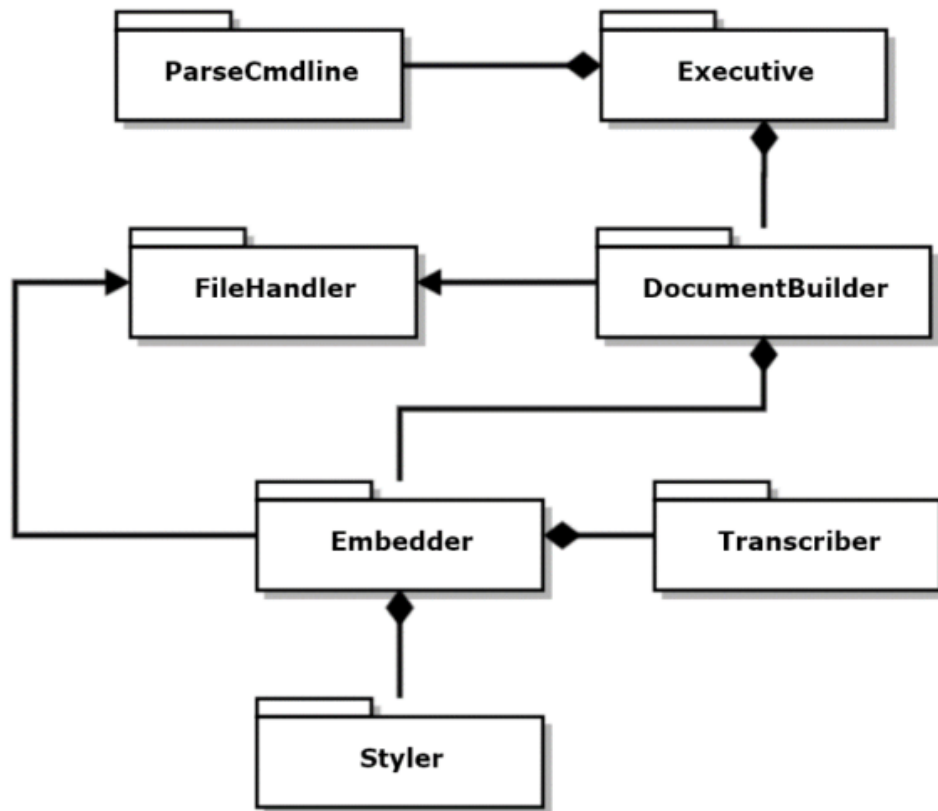
- Communication between Developers
 - Quicker than forking code from a repository
 - Useful for quick references to calls and called by
- Support for Design Review
 - Provide remote views of code details
- Instructors
 - Quick views into several code examples while lecturing
 - Students have access outside of class time as well

Program Tasks

- Accept program options as command line arguments
- Transcribe markup characters in source code to escape sequences
 - Example: '<' ➔ '<'
- Embed transcribed source into HTML document
- Apply page header and footer blocks
- Apply theme

SourceToHtml Structure

Package Diagram

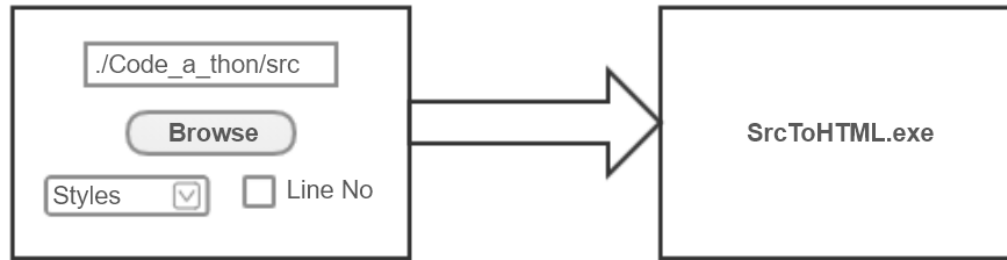


Responsibilities

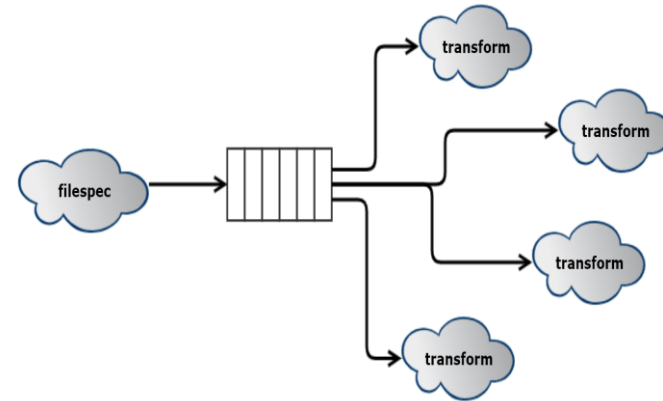
- Executive
- ParseCmdline
- DocumentBuilder
- FileHandler
- Transcriber
- Embedder
- Styler

Future Extensions

- Graphical User Interface



- Parallel execution of page transformations



- CSS & JavaScript transformations
 - Show / Hide blocks

Conclusions and Recommendations

- There are no issues of concern for development of SrcToHtml
 - Structure and communication are relatively simple
 - Requirements are “Business as usual”
- Estimated Effort
 - One person week for this version without extensions
 - Extensions are all plausible with no serious construction delays

That's All Folks