



# Requirement Specification

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# Inspiration



## Inspiration

**Idea:** Our program should be built at the example of Emmet

**Implementation:** command line as a GUI.



## Difficulties

Functions for change and deletion are needed.

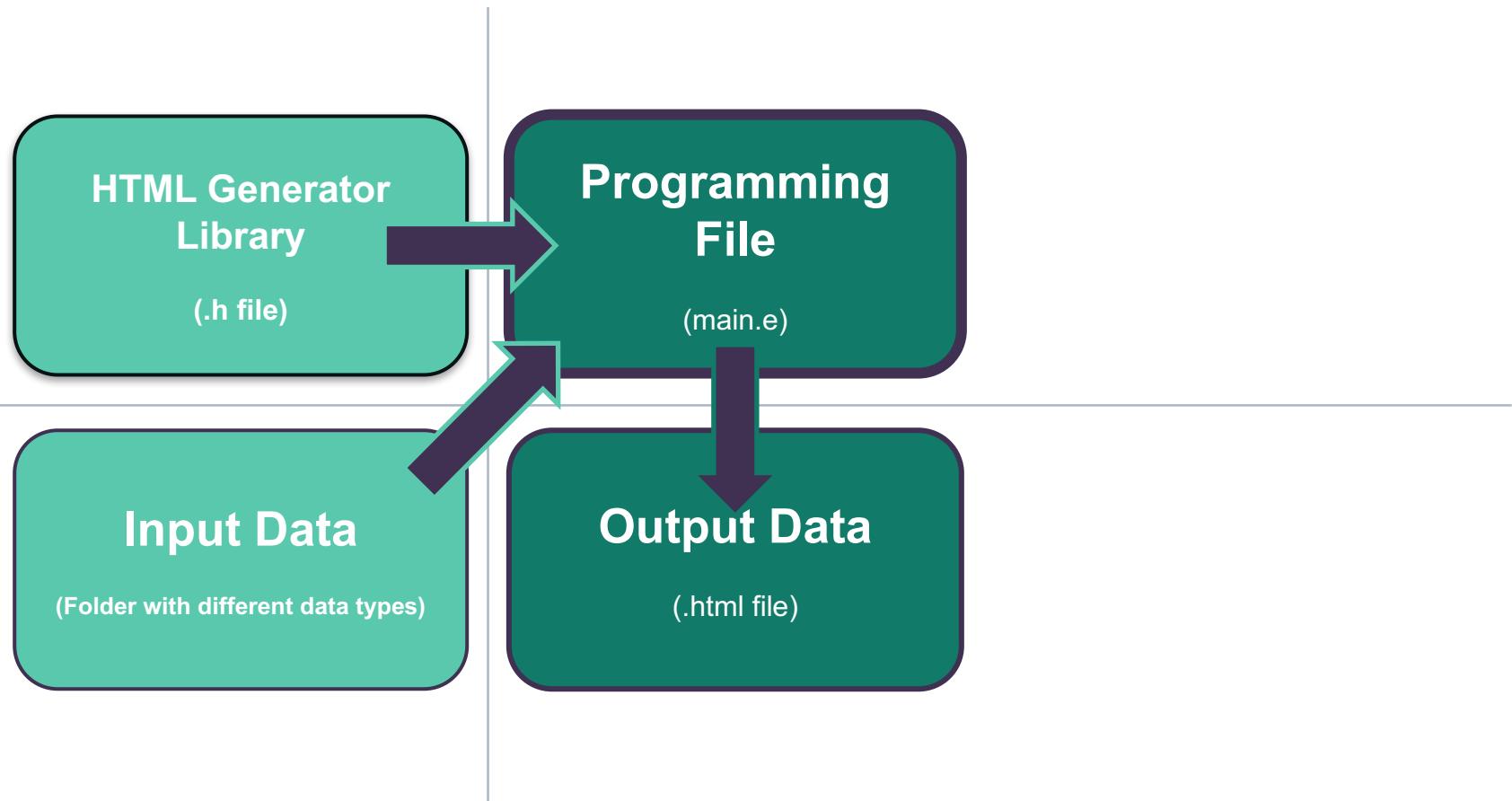
Navigation in the HTML is difficult.



## Solution

Use of EiffelStudio as a GUI.

# Product Overview





## User characteristics

The user knows how to handle EiffelStudio and our library's vocabulary and has no prior knowledge of HTML.

## Assumptions



- Generate the file solely through our generator.
- no head or body tag in the snippet



## Restrictions

File compiled at the end, no WYSWYG included.



## Data I/O

**Input:** class with data members corresponding to different data types

**Output:** output .e & .html file



## HTML Structure

**Default mode:** doctype + head + body

**Other modes:** frame, customized template



## Others

**High Priority:** Style, Paragraph, Image, Audio, Video, Link, Table, List, Snippet Insertion

**Low Priority:** Form& Input, Meta Info, Map, Button, Header & Footer

## | Reliability & Performance

### Reliability

EiffelStudio, error fixing time

### Performance

Time to generate output

Storage size

## | Design Constraints

### Imposed by Eiffel

Programming language  
Operating system  
Hardware requirements

## | Maintainability

Markup validation (W3C validator)

Class libraries not limited to HTML





THANKS

Have a Nice Day : D