**Façade Example – Code Publisher**

Purpose:

Convert a source code file into a clickable HTML file that shows or hides various levels of its content. Techniques used are:

1. Enclose source code in <pre> … </pre> tags and give an htm extension. That makes the file a web page with the same formatting as the original.
2. Wrap any content for which you want to toggle visibility in <div> … </div> tags and add a class for styling the visibility properties.

The Publisher needs to analyze the source code with a parser, locate the places to insert tags, then insert the tags.

Note: The code shown here is an incomplete “how to get started” demo for Project #2 in CSE681 – SMA, Fall 2011.

I generated the sample “Tokenizer.htm” by hand, and began the implementation of the publisher but left much of the work for the class to complete.

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Design Patterns

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