



# Jalapeno

## How This Book Works

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Allegan County GIS  
[www.allegancounty.org/gis](http://www.allegancounty.org/gis)

August 3, 2018



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## 0.0.1 How Jalapeño Works

### General Notes:

- jalapeno folder is a git package.  
<https://github.com/nbesteman/jalapeno>
- Project is coded with relative paths and jalapeno can be located anywhere.

### Project file structure:

...\jalapeno\..

folder	description
documentation	resources used in Jalapeño
processing	.tex documents and build folders
source	common image files

...\jalapeno\documentation\..

folder or file	description
moduleTemplates	.tex templates
packageDocs	L <sup>A</sup> T <sub>E</sub> X documentation
references	reference and appendix resources
unsorted	catch all for unsorted documentation
BookStructureMM.mm	A mindmap of jalapeno

...\jalapeno\processing\..

folder or file	description
...Part	folders of book <i>parts</i>
build	L <sup>A</sup> T <sub>E</sub> X workspace and location of .pdf output and referenceEntries.bib*
commonTitle.tex	code for all title pages
fullCompile.sh	shell script to compile GISDocumentation.tex
GISDocumentation.tex	master document code
glossaryEntries.tex	entries that appear in glossary
indexEntries.tex	entries that appear in the index
preamble.tex	preamble code for all documents

### \*Note about referenceEntries.bib

Any reference entries built here can be cited in any .tex document in the project.

### Using the glossary

Glossary commands require a Perl interpreter. Activeperl is a free Perl interpreter and can be downloaded from: <https://www.activestate.com/activeperl/downloads>

(A typical installation adds Perl to your path)

**To create a glossary entry:**

Add an entry to glossaryEntries.tex. Save it there but use the makeglossaries command to update the .gls file.

**Using makeglossaries:** In the (main document)build folder:

- Launch command prompt
- enter command: **makeglossaries GISDocumentation\***

**\*Note:** This command reads the .aux file and creates the .gls file. The .aux file is created by compiling with PDFLatex. If there is no .aux file the command will fail.

**Using the bibliography(References)**

**Using the Index**

**Using the Appendix**