

Creating documentation for any file using JSDoc

Tuesday, May 16, 2017 5:01 PM

JSDoc:

JSDoc is an API documentation generator for JavaScript, similar to Javadoc or phpDocumentor. You add documentation comments directly to your source code, right alongside the code itself. The JSDoc tool will scan your source code and generate an HTML documentation website for you.

How to Install JSDoc:

To install JSDoc globally run the below command in command prompt:

```
npm install -g jsdoc
```

To install JSDoc locally run the below command in command prompt:

```
npm install jsdoc
```

- Changes need to be done to accept any file in the **conf.json.EXAMPLE** file under jsdoc node module:

```
{
  "tags": {
    "allowUnknownTags": true
  },
  "source": {
    "includePattern": ".+\\.js\\.js(doc|x)?$",
    "excludePattern": "(^|\\/|\\\\|\\_)"
  },
  "plugins": [],
  "templates": {
    "cleverLinks": false,
    "monospaceLinks": false,
    "default": {
      "outputSourceFiles": true
    }
  }
}
```

- Add all extensions separated by OR symbol ("|") for which you want to generate documentation.

Adding documentation comments to your code:

JSDoc comments should generally be placed immediately before the code being documented. Each comment must start with a `/**` sequence in order to be recognized by the JSDoc parser. Comments beginning with `/*`, `/**`, or more than 3 stars will be ignored. This is a feature to allow you to suppress parsing of comment blocks.

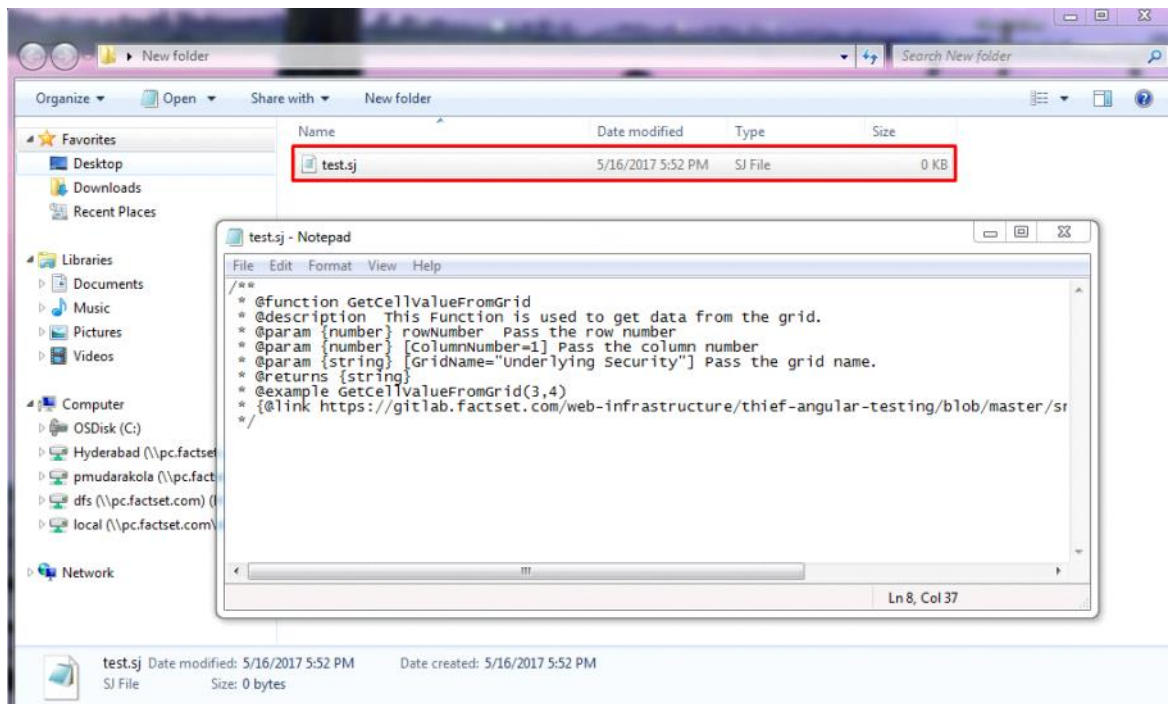
Example:

```
/**
 * @function functionName
 * @description Provide function description here
 * @param {datatype} ParameterName What is the use of parameter
 * @param {number} [ParameterName=1]
 * @returns {obj}
 * @example getCheckBoxClassReference("yes", 0)
 * {@link https://gitlab.factset.com/web-infrastructure/thief-angular-testing/blob/master/src/checkbox/index.js Methods Applicable}
 */
```

- If you place parameter inside square braces then that parameter is considered as optional.
Ex: [ParameterName]
- If you assign a value to the parameter then it will be considered as default value.
Ex: [ParameterName=1]
- Mention the type of parameter in curly braces.
Ex: {datatype}

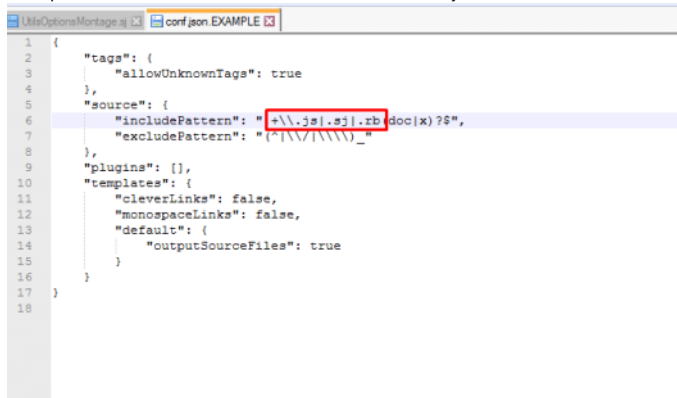
How to generate HTML Documentation:

- First create a file by adding block tags in the description.



Examples for block tags: @description, @param etc.
For more block tags check this link: <http://usejsdoc.org/>

- Before going to next step check whether the file extension is there in the conf.json.EXAMPLE file

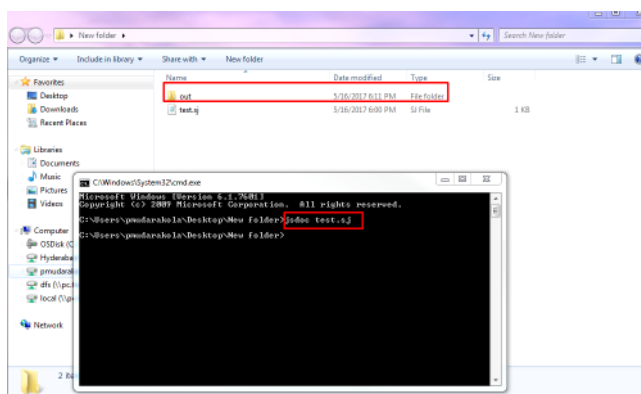


- Run the below command:
jsdoc test.sj

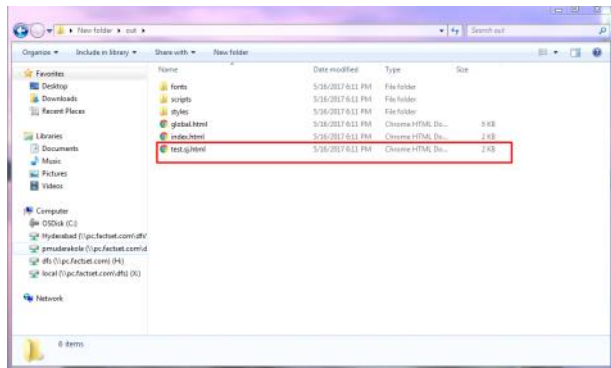
Note:

You can generate Html document for multiple files at once.
Ex: jsdoc filename.extension file2.extension ...

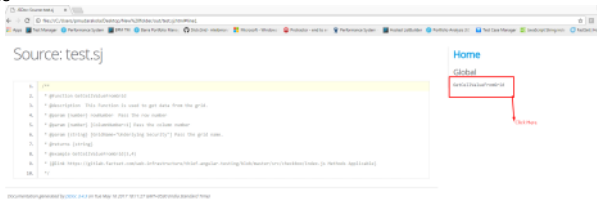
- After running the command a folder named Out will be created in the same location.



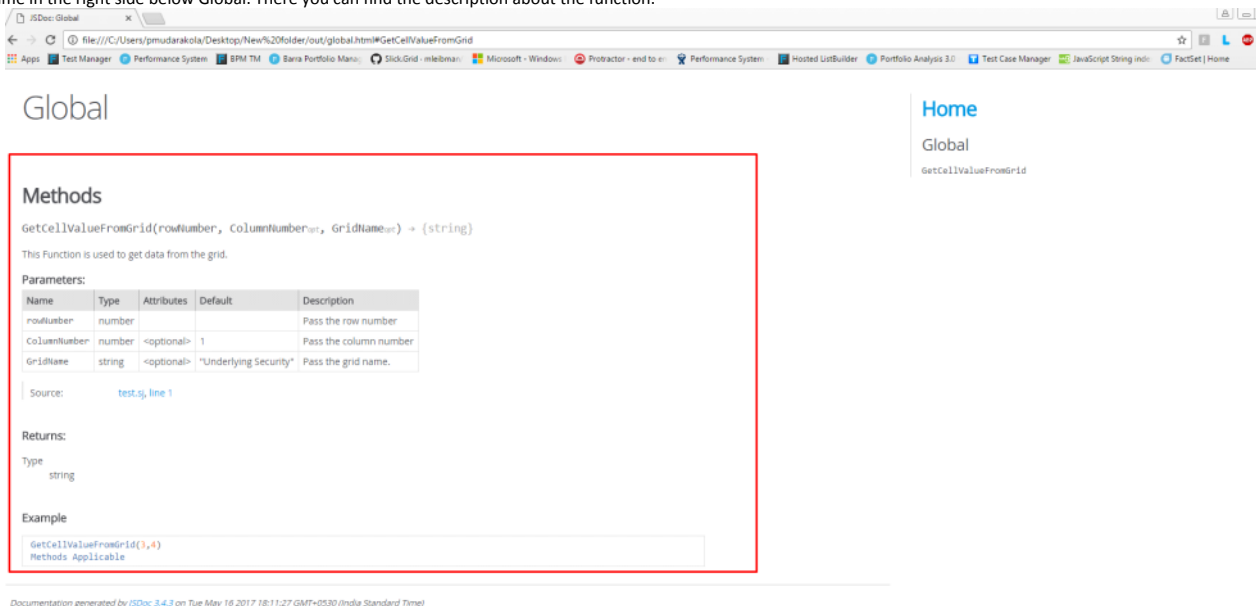
- Inside the Out folder you will find the html file with the same name as file name.



- Open the test.sj.html file



- Click on the function name in the right side below Global. There you can find the description about the function.



- Reference Links:
 - <http://usejsdoc.org/>
 - <https://en.wikipedia.org/wiki/JSDoc>
 - <https://github.com/jsdoc3/jsdoc>
 - <https://github.com/google/closure-compiler/wiki/Annotating-JavaScript-for-the-Closure-Compiler>
 - <http://stackoverflow.com/questions/tagged/jsdoc>

Information required when package is failed to download from artifactory

Wednesday, December 20, 2017 7:47 PM

The information we need from one of these failed runs is the following:

1. The output of ``yarn config list``
2. The version of yarn and node used
3. Can you modify your script to execute ``yarn install`` with the flags ``--har`` (``yarn install --har``)
4. The log that contains the output of ``yarn install``
3. When yarn fails it should leave a "yarn-error.log" file in the root of the project. Please make sure to include this file, and the har file generated yarn-install_DATE.har

Automation Issues

Monday, March 12, 2018 4:22 PM