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**Coding Conventions (Server)**

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# Preface

This document contains the coding conventions each programmer working on the server has to comply with. It includes… XXXXXXXXXXXXXXXXXXXXXXX

# File/Folder Names

All custom code that is written for the server of Knownana should be located in the lib folder. Folder names, as well as file names should written in snake\_case. In case that a file contains the definition of a ‘class’, its name starts with a capital letter (e.g. ‘Class\_name.js’)

All server-tests should be written into the file server.spec.js, which is located in the root folder of the server.

# File Organization

## JavaScript Source Files

JavaScript Files have the following ordering:

* nodeJS require-statements
* definition of constants
* definition of variables that store data
* definition of public functions
* definition of private functions
* assignments to the export object.

### Naming Conventions

* All variable and function names are written in camelCase
* Constructor names are written in PascalCase
* ‘Class’names are written in PascalCase

### Comments

TODO

### Synchronous Code

In absolutely no case write synchronous code that accesses the file system or does any other time-consuming operations. Since nodeJS is working in a single thread, this may cause the server to slow down significantly.

One exception is code that is only executed once during the startup/shutdown of the server.

### Callback Functions vs. Promises

TODO

### Private/Anonymous Functions

In order to enable a good test coverage of the server code with unit tests, private and anonymous functions should be avoided. By making them public, they can be mocked by the tester.

**Es konnten keine Einträge für ein Abbildungsverzeichnis gefunden werden.**

# List of Tables

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# List of Abbreviations

npm Node Packages Manager

# Version History

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| --- | --- | --- |
| **Version** | **Date** | **Description** |
| 1.0 | 07.06.2016 | Document creation |