LEARNING

hapijs

#hapijs

Table of Contents

About

You can share this PDF with anyone you feel could benefit from it, downloaded the latest version from: hapijs

It is an unofficial and free hapijs ebook created for educational purposes. All the content is extracted from Stack Overflow Documentation, which is written by many hardworking individuals at Stack Overflow. It is neither affiliated with Stack Overflow nor official hapijs.

The content is released under Creative Commons BY-SA, and the list of contributors to each chapter are provided in the credits section at the end of this book. Images may be copyright of their respective owners unless otherwise specified. All trademarks and registered trademarks are the property of their respective company owners.

Use the content presented in this book at your own risk; it is not guaranteed to be correct nor accurate, please send your feedback and corrections to info@zzzprojects.com

Chapter 1: Getting started with hapijs

Remarks

This section provides an overview of what hapijs is, and why a developer might want to use it.

It should also mention any large subjects within hapijs, and link out to the related topics. Since the Documentation for hapijs is new, you may need to create initial versions of those related topics.

Versions

Version	Release Notes	Release Date
16	https://github.com/hapijs/hapi/issues/3398	2016-11-29
15	https://github.com/hapijs/hapi/issues/3323	2016-08-26
14	https://github.com/hapijs/hapi/issues/3272	2016-07-29
13	https://github.com/hapijs/hapi/issues/3040	2016-02-01
12	https://github.com/hapijs/hapi/issues/2985	2016-01-04
11	https://github.com/hapijs/hapi/issues/2850	2015-10-16
10	https://github.com/hapijs/hapi/issues/2764	2015-09-11

Examples

Hello world

Create a `server.js` file with the following contents:

```
'use strict';

const Hapi = require('hapi');

// Create a server instance
const server = new Hapi.Server();

// Specify connections (server available on http://localhost:8000)
server.connection({
    port: 8000
});

// Add a route
server.route({
```

```
    method: 'GET',
    path:'/hello',
    handler: function (request, reply) {
        return reply('hello world');
    }
});

// Start the server
server.start((err) => {
    if (err) {
        throw err;
    }

    console.log('Server running at:', server.info.uri);
});
```

Start Hapi.js Server

Run `node server.js` and open http://localhost:8000/hello in your browser.

Passing Parameters to a route

Parameters can be specified in `path` property of route configuration

```
'use strict';

const Hapi = require('hapi');

// Create a server with a host and port
const server = new Hapi.Server();

server.connection({
    host: 'localhost',
    port: 8000
});

// Add a route path with url param
server.route({
    method: 'GET',
    path:'/hello/{name}',
    handler: function (request, reply) {
        // Passed parameter is accessible via "request.params"
        return reply(`Hello ${request.params.name}`);
    }
});

// Start the server
server.start((err) => {
    if (err) {
        throw err;
    }
    console.log('Server running at:', server.info.uri);
});
```

Validation

```
'use strict';

const Hapi = require('hapi');
const Joi = require('joi');

// Create a server with a host and port
const server = new Hapi.Server();

server.connection({
    host: 'localhost',
    port: 8000
});

/**
 * Add a route path with url param
 */
server.route({
    method: 'GET',
    path:'/hello/{name}',
    handler: function (request, reply) {
        // Passed parameter is accessible via "request.params"
        return reply(`Hello ${request.params.name}`);
    },
    config: {
        // Validate the {name} url param
        validate: {
            params: Joi.string().required()
        }
    }
});

// Start the server
server.start((err) => {
    if (err) {
        throw err;
    }
    console.log('Server running at:', server.info.uri);
});
```

Read Getting started with hapijs online: https://riptutorial.com/hapijs/topic/3500/getting-started-
with-hapijs

Credits

S. No	Chapters	Contributors
1	Getting started with hapijs	Community, Geoff Holden, James Choi, Matt Harrison, Wes Tyler