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1.0	25-03-2016	CS_52N	Final revision

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Table of Contents

1	Introduction	5
2	General Information.....	6
2.1	<i>Repository</i>	<i>6</i>
2.2	<i>Licensing</i>	<i>6</i>
2.3	<i>Installation Instructions.....</i>	<i>6</i>
2.4	<i>Folder Structure</i>	<i>7</i>
2.5	<i>Demonstrator</i>	<i>8</i>

1 Introduction

This deliverable (D6.3 - Market Place prototype) consists of the technical implementation of the virtual Market Place at month 13 of the project. The corresponding report describing the functionality of the prototype is given in the deliverable D6.1 – First virtual Market Place report. A final version of the virtual Market Place report describing the prototype at the end of the project will be delivered in month 20 as deliverable D6.2. The Market Place prototype serves as a demonstrator for the concepts and services defined in the other work packages and, as a supporting action, uses default functionality of Drupal, a framework for online platforms, as much as possible. Key new benefits of the portal are collaborative content creation and options for discussion and user feedback.

Before the actual implementation of the prototype was started, the requirements identified in work package 3 have been translated into user stories (Task 6.1) ending in milestone number 6 (MS6 – Use case definition and open user story platform ends). Afterwards, the implementation of the prototype was started in an agile manner considering requirements and feedback from the other work packages. The prototype implementation itself consists of two phases:

Phase 1 has started in month 7 and ended in month 13 with milestone number 9 (MS9 - Prototype of collaborative tool/company editor and tool search), where a first version of the prototype should be ready to test and the pilot cases should be planned (MS13 – Pilot Cases Start).

Phase 2 will continue until month 20 and includes three milestones: At month 17 the prototype should be up and running and should support user feedback (MS12 - Prototype supports user feedback) and in month 20 the prototype should be ready for community contributions (MS14 – Prototype integration completed). At the same time, the prototype conclusions should be shared and the prototype and API documentation should be public (MS 15 – Prototype and API documentation public).

The prototype implementation delivered in this deliverable corresponds to the status of the implementation at the end of phase 1 (month 13) of the project at milestone number 9 (MS9 - Prototype of collaborative tool/company editor and tool search).

2 General Information

This section provides general information about the portal implementation. A more comprehensive textual description of the underlying technology is given in Section 3 of WaterInnEU deliverable 6.1 (D6.1 – First virtual Market Place report).

2.1 Repository

The release version of the prototype for this deliverable is **wieu-2016-03-24**. The release snapshot is available at

<https://github.com/52North/waterinneu/releases/tag/wieu-2016-03-24>

in the GitHub repository. The source package is available at

<https://github.com/52North/waterinneu/archive/wieu-2016-03-24.zip>

The general URL of the repository is:

<https://github.com/52North/waterinneu>

2.2 Licensing

The portal implementation is licensed under GNU GPL v2, as Drupal is also licensed under GPL.

2.3 Installation Instructions

Installation instructions are given online in the Git Repository at

<https://github.com/52North/waterinneu/blob/waterinneu/INSTALL.md>

2.4 Folder Structure

Figure 1 shows a screenshot of the base folder structure.

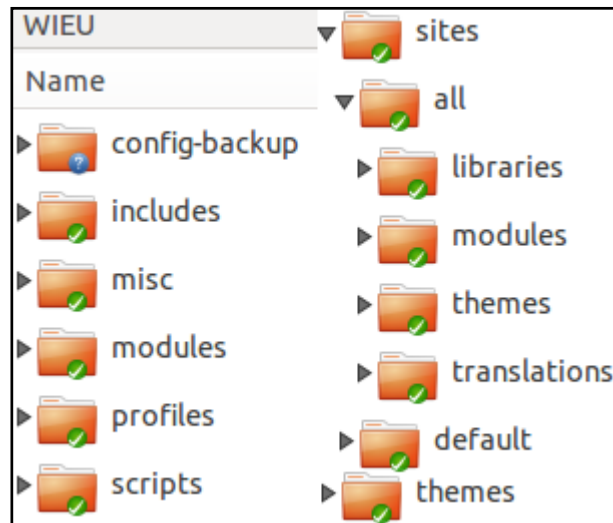


Figure 1: Repository Folder Structure

The folders are as follows:

- **config-backup** – contains regularly created configuration backups
- **includes** – contains helper functions (e.g. image manipulation, password generation etc.)
- **misc** – contains miscellaneous images and more required for messages etc.
- **modules** – contains the Drupal core modules
- **profiles** – contains installation profiles that can be selected during installation
- **scripts** – contains various scripts, e.g. to execute a cron job, dump the database, generate a password hash and run tests.
- **sites** – contains everything that is not part of Drupal core
 - **all** – contains everything that is usable by all sites driven by this Drupal instance
 - **libraries** – contains JavaScript libraries like at.js¹, caret.js or the tinymce editor²
 - **modules** – contains contributed modules. E.g. views, features, and more.
 - **themes** – contains themes like bootstrap business and n52_wieu_theme which is based on bootstrap business.
 - **translations** – contains translation files for various modules to provide the user interface of the front- and backend in different languages.
 - **default** – contains the base configuration like the database connection
- **themes** – contains the Drupal core themes. *Here*: only *seven* as the prototype uses *adminimal* theme for the backend and *n52_wie_theme* for the frontend.

¹ Required by the atjs module required for autocompletion feature. More details can be found in the according website: <http://ichord.github.io/At.js/>

² WYSIWYG editor used in the administrator backend. More details about the tinymce: <https://www.tinymce.com/>

2.5 Demonstrator

In order to test the current implementation of the prototype a demonstrator is deployed at

<https://wie.dev.52north.org>

The demonstrator is constantly updated, if new versions of the portal are available.