**D3.2.1 M2M Transformation Framework architectural design document**

ModelWriter

Text & Model-Synchronized Document Engineering Platform

Project number: ITEA 2 13028

Work Package: WP3

Task: T3.2 - Specification and design of the M2M Transformation

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Date: 07-June-2015

Document version: 1.0.0

Apart from the deliverables which are defined as public information in the Project Cooperation Agreement (PCA), unless otherwise specified by the consortium, this document will be treated as strictly confidential.

Document History

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| --- | --- | --- | --- |
| Version | Author(s) | Date | Remarks |
| 0.1.0 | Ferhat Erata  Moharram Challenger | 07-June-2015 | Draft |
| 1.0.0 | <name> | <date> | Initial Release |
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1. Introduction
   1. Role of the deliverable

This document is the first version of the description of the use cases proposed by the French consortium. It may be up-dated depending on the further details and requirements we get from our industrial use case providers.

* 1. The List of Technical Work Packages

|  |  |
| --- | --- |
| UC Code | Requirements derived from |
| WP2 | Semantic Parsing and Generation of Documents and Documents Components |
| WP3 | Model to/from Knowledge Base (synchronization mechanism) |
| WP4 | Knowledge Base Design and Implementation |
| WP6 | Architecture, Integration and Evaluation |

* 1. Conventions

The requirements are prefixed by “REQ-SR-WPz-xxx”, and are written in a roman typeface, where “REQ” stands for “Requirement”, “SR” indicates “Software Requirements”, “z” stands for the number of work package where the requirement is orginated and “xxx” is the positive integer identifier of the requirement. You can add this id (xxx) which is unique entire ‘requirements’ repository, at the end of <https://github.com/ModelWriter/Requirements/issues/> to access the latest version of the requirement.

* 1. Structure of the document

This document is organized as follows:

Chapter 1 introduces the document.

Chapter 2 describes for each use case: the scope and motivation, the approach and the available resources (corpora).

Annex 1 lists for each use case the annex documents and associated data deliverables, so called “corpora”:

* + D1.2.2 Public corpora, and
  + D1.2.3 Private corpora.
  1. Terms, abbreviations and definitions

|  |  |
| --- | --- |
| Abbreviation | Definition |
| RDF | Resource Description Framework |
| WP | Work Package |
| UC | Use Case |

1. Level 1 Header

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1. Level 1 Header

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* 1. Level 2 Header
     1. Level 3 Header

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1. Conclusion and way forward

References

1. Baldwin, Timothy, Emily M. Bender, Dan Flickinger, Ara Kim and Stephan Oepen (2004) Road-testing the English Resource Grammar over the British National Corpus, In Proceedings of the Fourth International Conference on Language Resources and Evaluation (LREC 2004), Lisbon, Portugal.
2. …

Appendixes

Appendix 1

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