|  |  |
| --- | --- |
| Descripción: Descripción: C:\Jasper\project 2011\integrate\templates\INTEGRATE LOGO 422X126.png |  |

ICT-2010-270253

INTEGRATE

Driving excellence in Integrative Cancer Research through Innovative Biomedical Infrastructures

STREP

Contract Nr: 270253

Deliverable: 3.7 Final version prototype of the semantic interoperability layer

Due date of deliverable: (31-07-2012)

Actual submission date: (MM-DD-YYYY)

|  |  |
| --- | --- |
| Start date of Project: 01 February 2011 | Duration: 36 months |

Responsible WP: UPM

Revision: outline

|  |
| --- |
| **Project co-funded by the European Commission within the Seventh Framework Programme (2007-2013)** |
| **Dissemination level** |
| **PU** | Public |  |
| **PP** | Restricted to other programme participants (including the Commission Service |  |
| **RE** | Restricted to a group specified by the consortium (including the Commission Services) | X |
| **CO** | Confidential, only for members of the consortium (excluding the Commission Services) |  |

# DOCUMENT INFO

## Author

|  |  |  |
| --- | --- | --- |
| Author | Company | E-mail |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Documents history

|  |  |  |
| --- | --- | --- |
| Document version # | Date | Change |
| V0.1 |  | Starting version, template  |
| V0.2 |  | Definition of ToC |
| V0.3 |  | First complete draft |
| V0.4 |  | Integrated version (send to WP members) |
| V0.5 |  | Updated version (send PCP) |
| V0.6 |  | Updated version (send to project internal reviewers) |
| Sign off |  | Signed off version (for approval to PMT members) |
| V1.0 |  | Approved Version to be submitted to EU |

## Document data

|  |  |
| --- | --- |
| Keywords |  |
| Editor Address data | Name: David Pérez del ReyPartner: UPMAddress: Facultad de Informática Universidad Politécnica de Madrid Campus de Montegancedo, s/n 28660 Boadilla del Monte, Madrid, SpainPhone: +34 91 336 74 45Fax: E-mail: dperez@infomed.dia.fi.upm.es |
| Delivery date |  |

## Distribution list

|  |  |  |
| --- | --- | --- |
| Date | Issue | E-mailer |
|  |  |  |
|  |  |  |
|  |  |  |

TABLE OF CONTENTS

[0 DOCUMENT INFO 2](#_Toc390335571)

[0.1 Author 2](#_Toc390335572)

[0.2 Documents history 2](#_Toc390335573)

[0.3 Document data 2](#_Toc390335574)

[0.4 Distribution list 2](#_Toc390335575)

[1 INTRODUCTION (UPM) 5](#_Toc390335576)

[2 COMMON INFORMATION MODEL UPDATE (UPM) 6](#_Toc390335577)

[2.1.1 Common Data Model 6](#_Toc390335578)

[2.1.2 Query Execution 6](#_Toc390335579)

[2.1.3 Query normalization 6](#_Toc390335580)

[2.1.4 Core Dataset Autocomplete Service 6](#_Toc390335581)

[3 SEMANTIC NORMALIZATION PIPELINE (UPM) 7](#_Toc390335582)

[4 SECURITY INTEGRATION (CUSTODIX) 8](#_Toc390335583)

[5 SNAQL QUERY ENGINE (CUSTODIX) 9](#_Toc390335584)

[6 CLINICAL TRIAL METADATA REPOSITORY UPDATE (PHILIPS) 10](#_Toc390335585)

[7 CONCLUSIONS (UPM) 11](#_Toc390335586)

[8 BIBLIOGRAPHY 12](#_Toc390335587)

# INTRODUCTION (UPM)

# COMMON INFORMATION MODEL UPDATE (UPM)

### Common Data Model

### Query Execution

### Query normalization

### Core Dataset Autocomplete Service

# SEMANTIC NORMALIZATION PIPELINE (UPM)

# SECURITY INTEGRATION (CUSTODIX)

# SNAQL QUERY ENGINE (CUSTODIX)

# CLINICAL TRIAL METADATA REPOSITORY UPDATE (PHILIPS)

# CONCLUSIONS (UPM)

# BIBLIOGRAPHY