First European i2b2 Academic User Group Meeting

Erlangen University

25. and 26. of March 2013

Welcome!

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TMF IT Strategy Project:

1 / 2009 – 12/2009



Abschlussbericht

(20.11.2009

TMF-Projekt "IT-Strategie"

TMF-Projekt V054-01 Teilprojekt 2a

Analyse in den USA im Rahmen von vernetzten Forschungsprojekten entwickelter und als open source verfügbarer IT-Komponenten auf ihre Verwendbarkeit in der deutschen Forschungslandschaft

i2b2

Ein Projekt für die vernetzte medizinische Forschung im Namen der TMF.



Prof. Dr. H.U. Prokosch

Lehrstuhl für Medizinische Informatik der Friedrich-Alexander Universität Erlangen-Nürnberg

Unter Mitarbeit von:

Dr. Thomas Ganslandt, Andreas Becker, Sebastian Mate, Katrin Starke, Prof. Dr. U. Sax

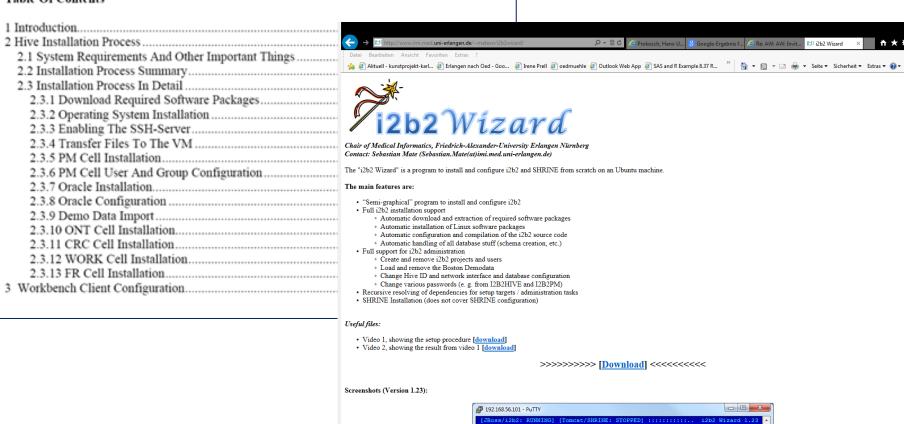
It started in January 2009 . . .

Sebastian Mate, Chair of Medical Informatics, University Erlangen-Nuremberg

i2b2 Quick Install Guide and Tools

Version #2 (22.01.2009)

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November 2009:

The Departments of Medical Informatics from Erlangen and Göttingen and

the i2b2 National Center for Biomedical Computing

signed a memorandum of understanding on the further cooperation

in applying and further developing i2b2

Collaboration between the I2b2 (Informatics for Integrating Biology and the Bedside) National Center for Biomedical Computing, the Chair of Medical Informatics, University of Erlangen-Nuremberg and the Department of Information Technology, Göttingen University Hospital

MEMORANDUM OF UNDERSTANDING

The IZb2 (informatics for integrating Biology and the Bedside) National Center for Biomedical Computing based at Brigham and Women's Hospital and Partners Healthcare System, Boston, MA, USA wishes to establish a Memorandum of Understanding with the Chair of Medical Informatics at the University of Briangen-Nuremberg, represented by Prof. Dr. Hans-Ulrich Prokosch, and the Department of Information Technology at Göttingen University Hospital, represented by Prof. Dr. Ulrich Sax, regarding our mutual interest in the development and application of the IZb2 software which is currently available at www.IZb2.org under a free license. This software package represents the core of a long-term product line designed to enable academic health centers to organize and query their existing electronic records system for discovery research, including but not limited to such applications as definition of study cohorts; identification of disease trends, genetic associations and co-morbidities; analysis of environmental risk factors; pharmacovigilance; drug target development; and, potentially, resultant improvements in health care delivery.

12b2 seeks collaborations with institutions who will interactively install and use this software and offers such institutions membership in the 12b2 Academic Users' Group, a forum for cooperative users interested in working together to modify existing and/or create new applications and other refinements that render the product universally useful and, ideally, interoperable. It is 12b2's intention that all improvements and enhancements made by collaborators will be freely available to the entire community, either through the 12b2 website (if fully validated) or through a dedicated SourceForge 12b2 site for those who prefer this distribution model.

Based on current adoption trends in those US institutions receiving Centers for Translation Science Awards (CTSA), it is anticipated that the maturing software infrastructure will be widely used and supported and will offer networking capabilities which will enable very large population based studies to be conducted using data collected in the routine course of clinical care. The extension of this network to our European colleagues is warmly welcomed.

The Chair of Medical Informatics at Erlangen University and the Department of Information Technology at Göttingen University Hospital are welcome to contribute to the testing of the current implementation of the 1252 platform and to the development of specific modules that they will find useful for dealing with the need of their studies.

The agreement will last four years from now

Fot. Dr. Hans-Ulrich Prokosc

Head of Department

Chair of Medical Informatics University of Erlangen-Nuremberg

Head of Department

Department of Information Technology saac Kohane, M.D., Ph.D.

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Technology
Göttingen University Hospital I2b2 National Center for
Blomedical Computing
Brigham Women's Hospital Boston



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deutschen Forschungslandschaft

First i2b2-Workshop at Erlangen University Hospital December 2009



Second i2b2-Workshop TMF Berlin, February 2010



Third i2b2-Workshop TMF Berlin, 27th of February 2012



TMF Project Integrated Data Repository Toolkit

Ger	Session 1: Results from the rman Integrated Data Repository Toolkit Project	
12.30 pm	IDRT: Platform Architecture and tools to support the re-use of routine clinical data for research	Sebastian Mate, Erlangen
12.55 pm	IDRT: Unlocking Research Data Sources with ETL for use in a Structured Research Database	Christian Bauer, Matthias Quade, Göttingen
1.20 pm	IDRT: Integration and Maintenance of Medical Terminologies in i2b2	Matthias Löbe, Leipzig

12.15 pm

Welcome at Erlangen

Prof. Dr. Dr. Jürgen Schüttler,

Dean of the Medical Faculty Erlangen









