210. Introduction

The "i2b2 Wizard" is a bash-based tool to install and configure an i2b2 server. An i2b2-Wizard-based i2b2 installation offers much more flexibility compared to the official i2b2 virtual machine, but is much easier than a manual i2b2 installation from source code. i2b2 Wizard provides an easy to use semi-graphical menu system to install i2b2, create i2b2 projects and create users.

This documentation within the i2b2 community wiki was made possible thanks to funding by the TMF e.V. (see http://www.tmf-ev.de/EnglishSite/AboutUs.aspx)

This guide aims to be a comprehensive documentation about i2b2 Wizard, complemented with some information about setting up the virtual machine and the Linux system.

Please note that this guide cannot provide details about installing and configuring Linux - you do need to have at least some knowledge about Linux.

> Note that the installation (as described here) is not secure out-of-the-box in terms of networking security. Please make sure to stick closely to the guidelines and requirements of your institution when working with patient data!

Special features of i2b2 Wizard

- Semi-graphical program to install and configure i2b2
- Full i2b2 installation support
  - Automatic download and extraction of required software packages
  - Automatic installation of Linux software packages
  - Automatic configuration and compilation of the i2b2 source code
  - Automatic handling of all database stuff (schema creation, etc.)
- Full support for i2b2 administration
  - Create and remove i2b2 projects and users
  - Load and remove the Boston Demodata
  - Change Hive ID and network interface and database configuration
  - Change various passwords (e. g. from I2B2HIVE and I2B2PM)
- Recursive resolving of dependencies for setup targets / administration tasks
- SHRINE Installation
- Modular: runs on many flavours of Linux and supports different i2b2 versions and databases
- Automatic error detection & handling

About i2b2 Wizard

The i2b2 Wizard was started as a student's project in 2010 by Sebastian Mate to simplify the installation and administration of i2b2. Since then, it has received many contributions by other developers (special thanks to Igor Engel, Daniel Plog and Axel Newe). In 2012, the tool also became part of the IDRT and IDRT2 projects (http://idrt.imise.uni-leipzig.de) - funded by the BMBF and carried out by the Universities of Göttingen, Leipzig, Erlangen and the TMF e. V.

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