

## Installing from Binaries

- OpenSuSE 11 using 'smart' packet manager (repository only available within FZK)

```
smart channel --add adei type=rpm-md name=adei baseurl="http://ipepdvadei.ka.fzk.de/binaries/sus
smart update adei
smart install adei <configuration_package> <additional_packages>
```

## Accessing project repository

- Performing initial import

```
bzr checkout http://dside.dyndns.org/bzr/adei/trunk/
```

- Updating to the current revision

```
bzr update
```

## Branches

- Development branch providing Ext based user interface (discontinued):

```
bzr checkout http://dside.dyndns.org/bzr/adei/ui/
```

## Configuration

- Setup Apache, MySQL 5, and PHP 5.2 with all dependencies
  - ◆ Apache modules: mod\_php, mod\_rewrite, mod\_proxy, mod\_proxy\_http
  - ◆ PHP modules: zlib, zip, mysql, pdo, odbc (*needs fixes*), json, nls, xml, session, sockets, imagick, simplexml, gettext
  - ◆ PHP/PEAR modules: Spreadsheet\_Excel\_Writer
  - ◆ Other applications: microsoft true type fonts, jpgraph
  - ◆ MSSQL connectivity: freetds (*needs fixes*)
- Enable specified apache modules in configuration
  - ◆ **OpenSuSe**: In */etc/sysconfig/apache2* add **php5 rewrite proxy mod\_proxy\_http** to the list of apache modules (APACHE\_MODULES).
- In Apache configuration: Enable all options and allow configuration overriding by .htaccess files
  - ◆ **OpenSuSe**: In */etc/apache2/default-server.conf* set **Options** and **AllowOverride** options of */srv/www/htdocs* directory to **All**.
- In PHP configuration: Allow short opening tags and disable reporting E\_NOTICE conditions. The limits of script execution time and memory usage may be raised as well.
  - ◆ **OpenSuSe**: In */etc/php5/apache2/php.ini* a **short\_open\_tag** option should be set to **On**. Adjust *max\_execution\_time* and *memory\_limit* options as well if you wish.
- Install ADEI
  - ◆ Create MySQL account with full permissions to manage certain database. Configure this account and the database in *config.actual.php* in the root of ADEI installation.
  - ◆ Provide required setups under *setups* directory in ADEI tree. Set default setup in *config.actual.php*.