

XML File for YaST and other repositories

- Proposed by houghi
 - more a RFC than a proposal
- Need – The reason this is wanted
- Usage – The benefits
- Info – The technical stuff
- To do – What is needed

Need and Usage

- Simple single location for all installation sources and repositories
 - No more need to search and enter URLs
 - Only correct repositories are shown
- Usage
 - Websites
 - openSUSE.org, Novell, ...
 - Programs, scripts
 - Easy adding like e.g. <http://easyurpmi.zarb.org/>
 - YaST, Smart, apt, y2pmsh, ...

Info and structure

- Needed information
 - SUSE version, architecture, Name, Country, subdirectories, like ISO's, delta's or extra's

- Structure

- An example structure

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<mirrors_10.0_i386>
  <country CODE="AT">
    <mirror>
      <name>TU Wien</name>
      <protocol>ftp</protocol>
      <site>gd.tuwien.ac.at</site>
      <link>sys/linux</link>
    </mirror>
    <mirror>
      <name>Inode Wien</name>
      <protocol>ftp</protocol>
      <site>suse.inode.at</site>
      <link></link>
    </mirror>
  </country>
</mirrors_10.0_i386>
```

To do

- Lay out
 - What is the best structure for the XML file
- Interface
 - First interface e.g. a website
 - GeoIP integration
- Updating script
 - A script to keep the file updated
 - What data can be used from openSUSE mirror
- Hosting
 - Where can the file be hosted
 - Legal implications and drawbacks