



Application Software Distribution Status

- current software distribution & problems
 - previous steps
 - the new concept to distribute software
 - next steps
 - conclusions
- aim: software distribution on Linux clients and on Linux notebooks

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Current software distribution:

- distribution on central server
- users make use of software out of the AFS

Deduced problems :

- working offline not possible
- /usr/local/ not local, additional local installations are hard
- to much symbolic links in /usr/local/bin -> hard to keep up to date

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Previous steps

- meeting in Zeuthen at 16th / 17th January
- RPM-Workshop at 4th February
- discussion about the provided SW with DESY groups at 7th March in Hamburg
- presentation in the CUC-Meeting 7th April
- weekly videoconferences with Zeuthen
- delegate further tasks (15th April)

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The priority list of provided software

- purpose:
 - consolidation of the distributed software
 - release the RPM-Packages rapidly
- proceeding:
 - review about the actual provided software
 - consolidation of the SW-classes (Unix/Windows)
 - prioritise corresponding to the know-how of the IT-employees and the result of the task force

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The concept:

- distribution with RPM-Packages
- local installation into /opt/products

Open questions:

- Should we include a graphical interface ?
- How is the backup to perform ?
- Which paradigm of installation is to be use ?
- How the offline-synchronisation should be conducted ?



Advantages of the new software distribution

- working offline is possible
- other local installations are more easy, cause of /usr/local/ local and empty
- local RPM-DB contains information about ASG-SW:
 - installed versions, which default are set
 - documentation and general informations
- Dependencies between products are included

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Next steps:

- in this weeks we start to build RPMs
- next videoconference about open questions at 29 th April
- at this date the important packages should be created in the initial version
- important packages: krb4, kerberos5, db, heimdal, openldap, mysql, sasl, openssl, libwrap

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Conclusions

- distributing software with RPM packages
- initial RPM packages are build internally
- this building is to be perform corresponding to the priority list of distributing software
- a central RPM respository is to be create
- release (probable at the end of 2003)
- building the packages with minor importance
- problem: missing manpower