



ePoste Restante and ePort Payé

brief status report

Collaboration on Storage Services

Terena TF-Storage meeting

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8.4.2008



Content

- **ePoste Restante milestones**
- **Current status of ePoste Restante**
- **Future plans for Poste Restante**
- **ePort Payé visions**

ePoste Restante milestones

- **Testing and piloting of the ePoste Restante in Nic.funet.fi during summer and autumn 2007**
 - Haka/shibboleth support
 - Enhanced functionality
- **CSC reorganization (Sep 2007)**
- **GPL licensing decision from Oulu and CSC**
- **Funet SIG: wider pilot needed (Oct/Nov 2007)**
- **Funet SG early approval (Dec 2007)**
- **Pilot test period completed**
- **Collected the results of the wider pilot (Jan 2008)**
- **Received formal “yes” for the service from the Funet board**

Current status of ePoste Restante

- **No time for further development in 1Q2008**
- **Limited time in 2Q, looking for additional resources**
- **Jari found two commercial implementations of the ePoste Restante idea in Finland and possibly a patent**
- **HTTPD upload limited to 2GB due to browser limitations**
- **PureFTP multiple file upload limited only by disk space**
- **No per user quota, disk free space limit enforced**
- **Two perl scripts: io and authio**
- **Shibboleth support via apache module and a daemon**
- **Security achieved by 128bit random directory paths**
- **Code cleanup and commenting being done**



Future expectations for ePoste Restante

- **Patent situation analysis, do they present a problem?**
- **Documentation and minor improvements**
- **Comissioning a new Look and Feel (planned Apr 08)**
- **Support for multiple languages**
- **Dedicated Solaris zone for production in NIC.FUNET.FI**
- **Monitoring and statistics**
- **Service launch in Funet when all OK**
- **Code release under GPL maybe around summer**
- **Venue for community development and support?**
- **Integration with ePort Payé functionality at some point**

ePort Payé visions

- **ePoste Restante in reverse: file transfer from an unauthenticated to an authenticated user**
- **User authenticates with shibboleth and sends email with a URL pointing to the upload form**
- **After confirming upload, files are moved to another random directory for download**
- **Only the authenticated user is informed of the download directory**
- **Cleaned after n days just as with ePoste Restante**
- **Design, development and testing when resources allow**

Questions and comments, please!

