

# FileSender

<http://www.filesender.org/>

Jan Meijer



**TF-Storage 7**

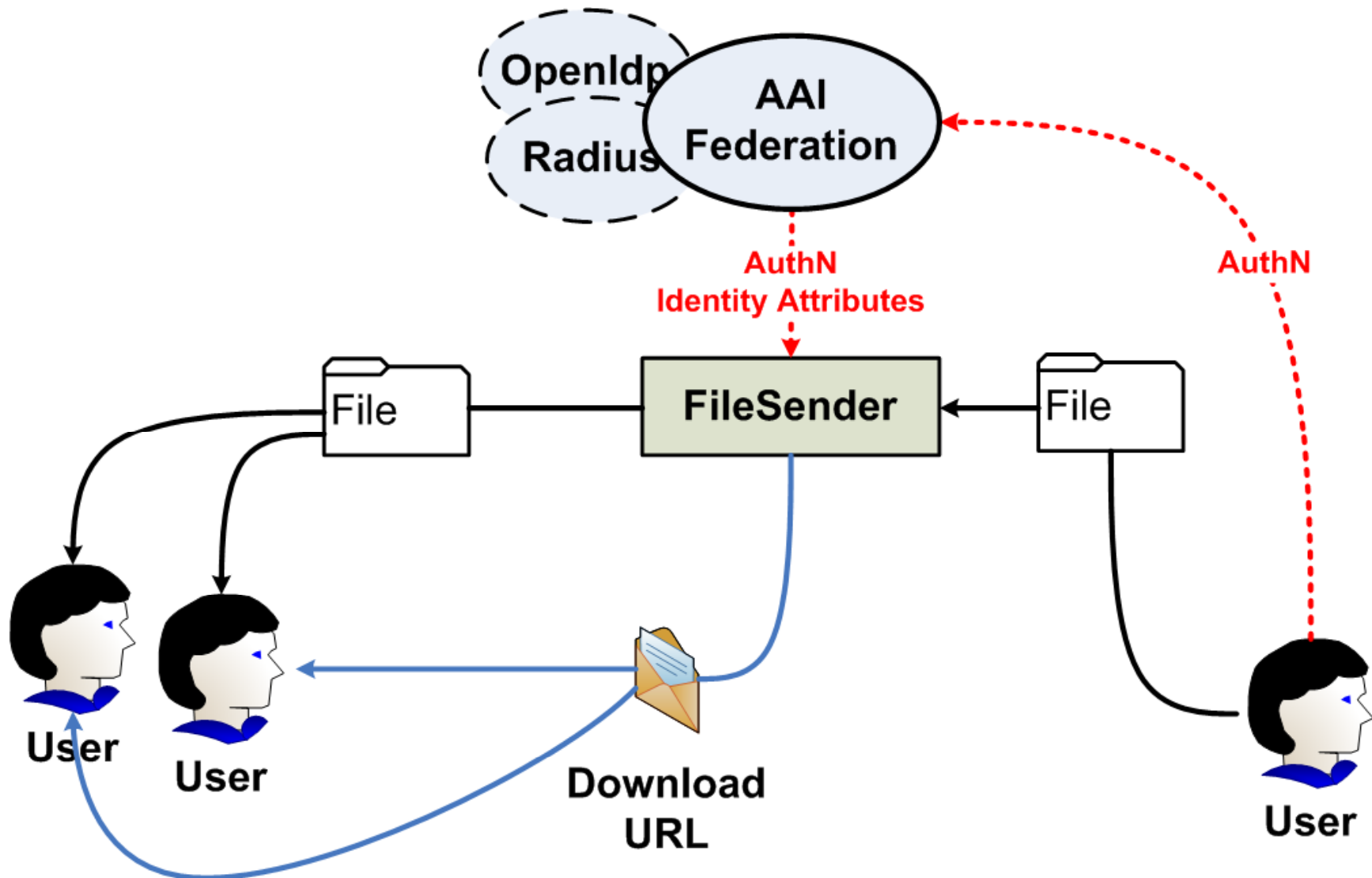
9+10 September 2010

Poznan

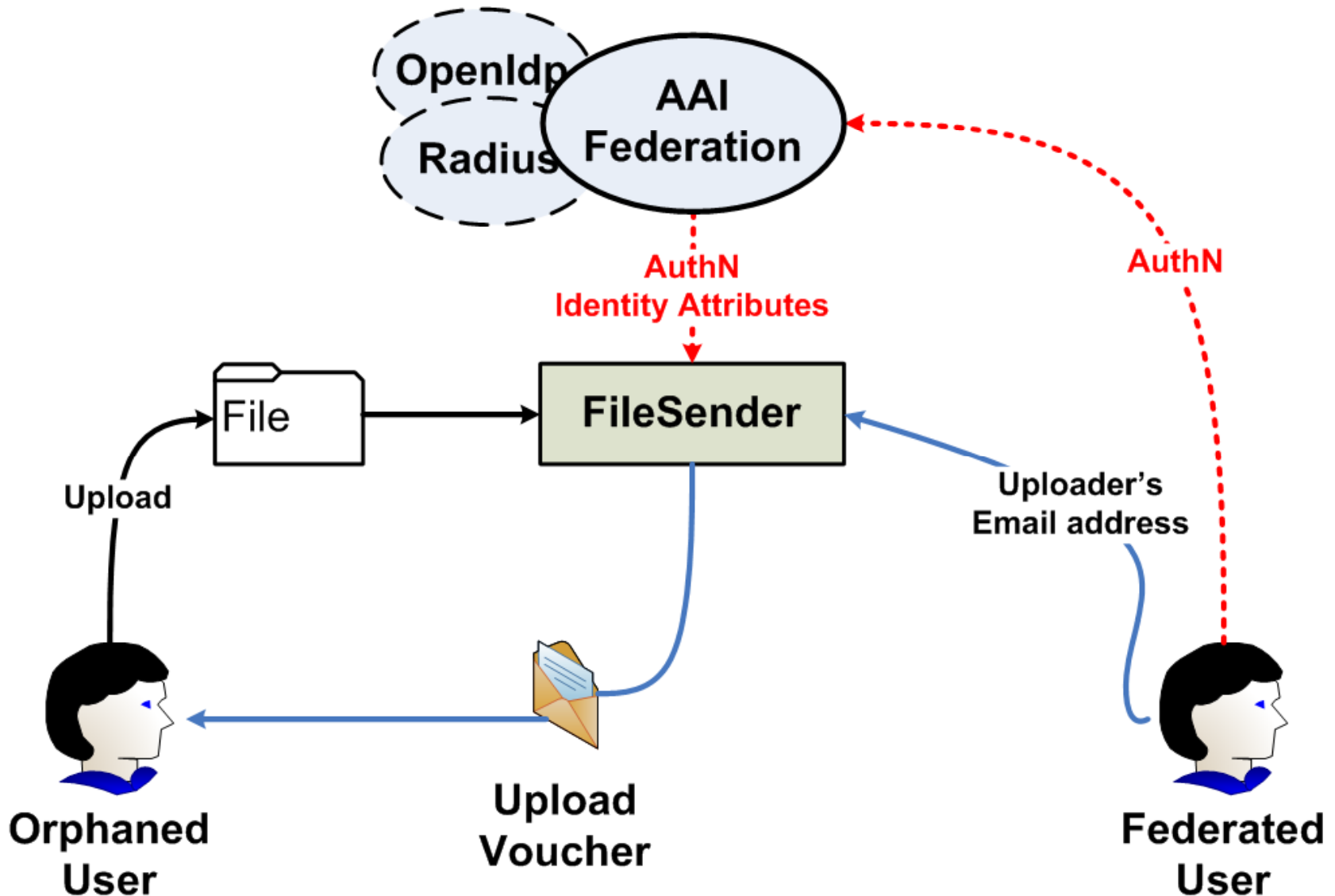
# value proposition

**easy** sharing **arbitrarily large** files  
through a **trusted intermediary**

# users with account



# users without account



# history

July 2007

**CSC presents ePoste Restante**

September 2008

**ePoste (CSC), Bitey (HEAnet), FileSender (UNINETT),  
DocExchange (SWITCH)**

April 2009

**HEAnet, AARnet, UNINETT start FileSender project**

# Open Source project



# project

- BSD license
- Benevolent dictator/rough consensus model
- Group of core contributors
  - code: Chris Richter
  - testing: Xander Jansen, Wendy Mason
  - packaging: Gijs Molenaar
  - coordination: Guido, Jan
  - Random goodness: Mario Vandaele

# Deployments

- AARnet: .au beta service for since Sept 2009
  - X users
- UNINETT: .no beta service since May 2010
- HEAnet: .ie beta service (?)
- BELNET, SURFnet
- Interest from CARnet, CESNET, UNI-C



# Technology (version 1.0)

- Client
  - Browser, Flash (**FLASH?**)
  - Air, Flash+JavaGears for > 2 GB transfers
- Server
  - 64 bit Linux (downloads!)
  - SimpleSAMLphp 1.5.1
  - PHP 5.2.10+
  - Postgresql 8.3.9+ & php bindings
  - web server (Apache)

# other features

- pause/resume
- multi federation (simplesamlphp)
- admin interface
- logging
- configurable expiry
- multi-party sending with individual ACKs
- very configurable
  
- NO client-side encryption yet

# Where are we?

- **“Working towards version 1.0, RC1 midway April”**
- **Code security audit**
- **Summer: improved testing, packaging, process**
- **Automated builds**
  
- **#Bugs: < !**
- **Target date: 1 December**
  
- **100 GB within 10 hours (lab)**

# After 1.0 roadmap

- Move all admin UI to PHP
- HTML5 UI
- Multi language
- Multiple storage backends
- Encryption
- Virus scan hooks
- Scalability
- [http://www.assembla.com/wiki/show/file\\_sender/Workplan2010](http://www.assembla.com/wiki/show/file_sender/Workplan2010)

# What we need?

- beta testers!
- additional coder
  - smart
  - without desire to redo entire architecture
- Release tester/release manager
- Money for 2011