
SWITCH

The Swiss Education & Research Network

Update on Project Activities

Christoph Graf, SWITCH

Thomas Lenggenhager, SWITCH

Marc-Alain Steinemann, University of Bern

Alex Sutter, University of Bern

December 2, 2002



Attribute Specification

Summary of Attribute Specification v0.6					
Attribute	LDAP Name	derived from	# of values	Classification	Examples
unique ID	swissEduPersonUniqueID		s	m	84593872749492@ethz.ch
Surname	surname	person	m	m	Meier
Given name	givenName	inetOrgPerson	m	m	Peter
Date of birth	swissEduPersonBirthdate		s	o	1978-02-28
Gender	swissEduPersonGender		s	o	female; male
Preferred language	preferredLanguage	inetOrgPerson	s	o	de-ch; fr-ch; en; en-us
E-mail	mail	inetOrgPerson	m	r	peter.meier@ethz.ch
Home postal address	homePostalAddress	inetOrgPerson	m	o	
Business postal address	postalAddress	orgPerson	m	r	
Private phone number	homephone	inetOrgPerson	m	o	+41 1 234 56 78
Business phone number	telephoneNumber	person	m	r	+41 1 234 56 78
Mobile phone number	mobileTelephoneNumber	inetOrgPerson	m	o	
Home Organization	swissEduPersonHomeOrganization		s	m	ethz.ch
Home Organization Type	swissEduPersonHomeOrganizationType		s	m	university
Affiliation	eduPersonAffiliation	eduPerson	m	m	student; faculty; staff; ,,,
Study Branch 1	swissEduPersonStudyBranch1		m	o	4
Study Branch 2	swissEduPersonStudyBranch2		m	o	42
Study Branch 3	swissEduPersonStudyBranch3		m	o	4700
Study level	swissEduPersonStudyLevel		m	r	4700-25
Staff category	swissEduPersonStaffCategory		m	r	
Organization path	eduPersonOrgDN	eduPerson	s	o	o=Unviersite de Lausanne, c=CH
Organizational unit path	eduPersonOrgUnitDN	eduPerson	m	o	OU=Faculte des sciences, O=Universite de Lausanne, c=CH
Group membership	eduPersonEntitlement	eduPerson	m	o	http://unil.ch/aai/resources/biblio92

- **Representatives of the Universities of BE / FR / ZH, ETHZ, SWITCH and at rete ag are members of the Task Force “Policy“**
- **Kick-Off meeting: September 2002**
- **Main task: creation of a common policy for the AAI – project for the exchange of information between User’s Home Organisations, AAI Service Providers and the Resource Owners**
- **The policy is mainly based on the recommendations / conclusions of the former AAI-JUR- Team that was responsible for the legal framework issue**
- **First policy draft created, now in second reworking phase (presumed finish: December 2002)**

Main tasks that have to be regulated:

- **transport of data: Questions of integrity and confidentiality; data storage**
- **issues of availability and reliability of the system**
- **liabilities between the involved parties and their users**
- **measures and prevention against abuse**
- **needed registration issues and authentication procedures**
- **minimum attribute-set that must be met**
- **attribute release policy**
- **legal basis must be as clear as possible for every competence and task on every level**
- **information policy towards concerned persons as clear and preventive as possible: to gain confidence !**
- **Access Control System: best measure for resource protection**
- **building up a standardized quality of service**

AAI-Portal Project

(VITELS Pilot Project)

Marc-Alain Steinemann

Thomas Spreng

Rechnernetze und Verteilte Systeme (RVS)

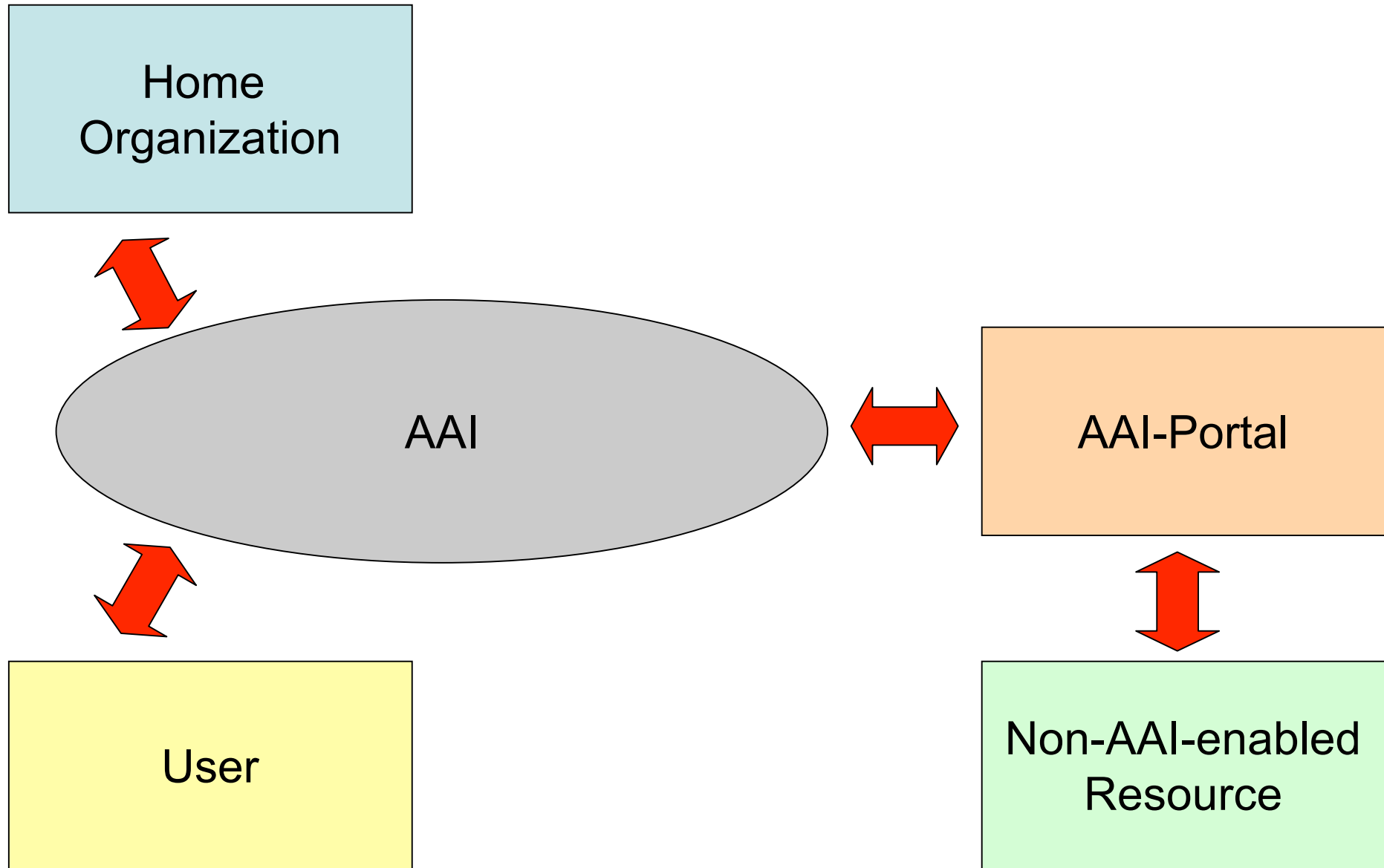
Institut für Informatik und angewandte Mathematik (IAM)

Universität Bern

WHAT IS AN AAI-PORTAL?

- “Helper” for connecting non-AAI-enabled resources to AAI
- Unit between home organizations, AAI and resources
- Receives user attributes upon user request from home organizations
- Can collect additional user contributed information
- Can store user information
- Can host one to several courses

POSITION OF AAI-PORTAL



TECHNICAL BACKGROUND

- AAI-Portal runs on Linux
- Dynamic web pages are generated by PHP4.2
- mySQL Database is used
- Apache web server

STATUS REPORT

- Architecture design is in progress
- Implementation of prototype is in progress

OUTLOOK

- Connection of the prototype with a VITELS test environment
- Transfer of sources to Nano-World project for implementation
- Tests and improvements
- Transfer of sources to Biomed project