

SCHAC

A common SCHema for ACademia

Victoriano Giralt

Central Computing Facility
University of Málaga

Málaga

November 30th, 2007



Why SCHAC

if we already have eduPerson?



Why SCHAC

if we already have eduPerson?

The tf-emc² group found that there were enough driving needs to start working on harmonizing high education schemas



Why SCHAC

if we already have eduPerson?

The tf-emc² group found that there were enough driving needs to start working on harmonizing high education schemas

- Many European countries had similar local schemas



Why SCHAC

if we already have eduPerson?

The tf-emc² group found that there were enough driving needs to start working on harmonizing high education schemas

- Many European countries had similar local schemas
- eduPerson needed some local extensions for Europe



Why SCHAC

if we already have eduPerson?

The tf-emc² group found that there were enough driving needs to start working on harmonizing high education schemas

- Many European countries had similar local schemas
- eduPerson needed some local extensions for Europe
- There is real need for a common European schema



Why SCHAC

if we already have eduPerson?

The tf-emc² group found that there were enough driving needs to start working on harmonizing high education schemas

- Many European countries had similar local schemas
- eduPerson needed some local extensions for Europe
- There is real need for a common European schema
 - Euroam



Why SCHAC

if we already have eduPerson?

The tf-emc² group found that there were enough driving needs to start working on harmonizing high education schemas

- Many European countries had similar local schemas
- eduPerson needed some local extensions for Europe
- There is real need for a common European schema
 - Euroam
 - Bologna process



Why SCHAC

if we already have eduPerson?

The tf-emc² group found that there were enough driving needs to start working on harmonizing high education schemas

- Many European countries had similar local schemas
- eduPerson needed some local extensions for Europe
- There is real need for a common European schema
 - Euroam
 - Bologna process
 - eduGAIN (GN2 AAI)



Why
How
What
Where
Who
Next

How we have designed and created SCHAC

from the idea to the published document



How we have designed and created SCHAC

from the idea to the published document

Work was started creating an open SCHAC workgroup seeded with members of tf-emc² from each country at hand



How we have designed and created SCHAC

from the idea to the published document

Work was started creating an open SCHAC workgroup seeded with members of tf-emc² from each country at hand

- Each country offered their schema



How we have designed and created SCHAC

from the idea to the published document

Work was started creating an open SCHAC workgroup seeded with members of tf-emc² from each country at hand

- Each country offered their schema
- Common or useful attributes where selected



How we have designed and created SCHAC

from the idea to the published document

Work was started creating an open SCHAC workgroup seeded with members of tf-emc² from each country at hand

- Each country offered their schema
- Common or useful attributes where selected
- Care was taken that URN values where used for namespace delegation



How we have designed and created SCHAC

from the idea to the published document

Work was started creating an open SCHAC workgroup seeded with members of tf-emc² from each country at hand

- Each country offered their schema
- Common or useful attributes where selected
- Care was taken that URN values where used for namespace delegation
- When the group was happy enough, an schema definition was first published



What is there in SCHAC

attributes and object classes



What is there in SCHAC

attributes and object classes

The group followed the document

“Higher-Education Person: A comparative Analysis of Collaborative Public LDAP Person Object Classes in Higher Education”



What is there in SCHAC

attributes and object classes

- **schacPersonalCharacteristics**

Personal characteristics

- schacMotherTongue
- schacGender
- schacDateOfBirth
- schacPlaceOfBirth
- schacCountryOfCitizenship
- schacSn1
- schacSn2
- schacPersonalTitle

What is there in SCHAC

attributes and object classes

- schacPersonalCharacteristics
- **schacContactLocation**

Contact / Local information

- schacHomeOrganization
- schacHomeOrganizationType
- schacCountryOfResidence
- schacUserPresenceID



What is there in SCHAC

attributes and object classes

- schacPersonalCharacteristics
- schacContactLocation
- **schacEmployeeInfo**

Employee information

- schacPersonalPosition



What is there in SCHAC

attributes and object classes

- schacPersonalCharacteristics
- schacContactLocation
- schacEmployeeInfo
- **schacLinkageIdentifiers**

Linkage identifiers

- schacUniqueCode
- schacPersonalUniqueID



What is there in SCHAC

attributes and object classes

- schacPersonalCharacteristics
- schacContactLocation
- schacEmployeeInfo
- schacLinkageIdentifiers
- **schacEntryMetadata**

Entry metadata

- schacExpiryDate



What is there in SCHAC

attributes and object classes

- schacPersonalCharacteristics
- schacContactLocation
- schacEmployeeInfo
- schacLinkageIdentifiers
- schacEntryMetadata
- **schacEntryConfidentiality**

Confidentiality / AR / Visibility

- schacUserPrivateAttribute



What is there in SCHAC

attributes and object classes

- schacPersonalCharacteristics
- schacContactLocation
- schacEmployeeInfo
- schacLinkageIdentifiers
- schacEntryMetadata
- schacEntryConfidentiality
- **schacUserEntitlements**

Authorization, entitlements

- schacUserStatus



Why
How
What
Where
Who
Next

Where can you find SCHAC

the official web page and maillist



Where can you find SCHAC

the official web page and maillist

- <http://www.terena.org/activities/tf-emc2/schac.html>



Where can you find SCHAC

the official web page and maillist

- <http://www.terena.org/activities/tf-emc2/schac.html>
- schac@terena.org



Who is using SCHAC

the SCHAC user community



Who is using SCHAC

the SCHAC user community

- GEANT IdP (GIIdP) will use some attributes



Who is using SCHAC

the SCHAC user community

- GEANT IdP (GIIdP) will use some attributes
- All 11 IdP's in Haka use at least `schacHomeOrganization` and `schacHomeOrganizationType`



Who is using SCHAC

the SCHAC user community

- GEANT IdP (GIaP) will use some attributes
- All 11 IdP's in Haka use at least schacHomeOrganization and schacHomeOrganizationType
- Croatia and Slovenia



Who is using SCHAC

the SCHAC user community

- GEANT IdP (GIdP) will use some attributes
- All 11 IdP's in Haka use at least schacHomeOrganization and schacHomeOrganizationType
- Croatia and Slovenia
- RedIRIS uses SCHAC internally and recommends the use in Spain which has led to adoption at several members of the constituency



Who is using SCHAC

the SCHAC user community

- GEANT IdP (GIIdP) will use some attributes
- All 11 IdP's in Haka use at least schacHomeOrganization and schacHomeOrganizationType
- Croatia and Slovenia
- RedIRIS uses SCHAC internally and recommends the use in Spain which has led to adoption at several members of the constituency

Intentionally non exhaustive



Who can influence SCHAC

the SCHAC architect community



Who can influence SCHAC

the SCHAC architect community

We like to think we are an open group



Who can influence SCHAC

the SCHAC architect community

We like to think we are an open group

- The tf-emc² work group



Who can influence SCHAC

the SCHAC architect community

We like to think we are an open group

- The tf-emc² work group
- The SCHAC maillist members



Who can influence SCHAC

the SCHAC architect community

We like to think we are an open group

- The $tf-emc^2$ work group
- The SCHAC maillist members
- Soon the ausies



Who can influence SCHAC

the SCHAC architect community

We like to think we are an open group

- The $tf-emc^2$ work group
- The SCHAC maillist members
- Soon the ausies, we hope



Who can influence SCHAC

the SCHAC architect community

We like to think we are an open group

- The tf-emc² work group
- The SCHAC maillist members
- Soon the ausies, we hope
- Someone from the Grid community



Who can influence SCHAC

the SCHAC architect community

We like to think we are an open group

- The tf-emc² work group
- The SCHAC maillist members
- Soon the ausies, we hope
- Someone from the Grid community, maybe?



Evolving SCHAC

some ideas for the future

- Experimental attributes

Experimental branch

A good thingtm



Evolving SCHAC

some ideas for the future

- Experimental attributes

Experimental branch

A good thingtm

It is useful for testing new attributes without disturbing the stabilized schema and for work in progress.



Evolving SCHAC

some ideas for the future

- Experimental attributes
- **Student information**

Populating an empty branch

The Bologna process will move lots of them around.



Evolving SCHAC

some ideas for the future

- Experimental attributes
- Student information
- **Values namespaces**

URN registry

We are going to set up a distributed URN registry so, each one is responsible for their delegated namespaces.



Evolving SCHAC

some ideas for the future

- Experimental attributes
- Student information
- Values namespaces
- **New attributes**

Expanding the schema

- Fine grained relationship description
- Importing some good ideas from down under



New SCHAC users

we welcome any new members



New SCHAC users

we welcome any new members

Some communities have announced interest in SCHAC



New SCHAC users

we welcome any new members

Some communities have announced interest in SCHAC

- The Australian auEduPerson working group has included some SCHAC attributes in the attribute definition document proposed for the Australian Acces Federation



New SCHAC users

we welcome any new members

Some communities have announced interest in SCHAC

- The Australian auEduPerson working group has included some SCHAC attributes in the attribute definition document proposed for the Australian Acces Federation
- Some Irish schools organization has shown interest



New SCHAC users

we welcome any new members

Some communities have announced interest in SCHAC

- The Australian auEduPerson working group has included some SCHAC attributes in the attribute definition document proposed for the Australian Acces Federation
- Some Irish schools organization has shown interest
- Maybe the Grids community?



Thank you

Questions?

answers not assured

