

# eduPerson and SCHAC

## sending attributes outside your organization

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# Sending attributes out

the need for a common language



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## Sending attributes out the need for a common language

*Interoperability is the degree to which a provider and a consumer can successfully interface having never met*

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In order to achieve this, the parties need a common language with semantics and syntax that both of them understand



# eduPerson schema

Internet2 effort for an standard schema

- Coordinated effort in Internet2, through MACE, for a common higher education person schema definition



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Internet2 effort for an standard schema

- Coordinated effort in Internet2, through MACE, for a common higher education person schema definition
- It is developed with inputs from the global higher education community
- MACE-dir Working Group (by invitation) is the forum for eduPerson related discussion, through list and calls



# eduPerson

The players

- Internet2





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  - “the advanced networking consortium in US“



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  - Runs MACE-dir, the directory working group, defines eduPerson



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- Internet2
  - “the advanced networking consortium in US“
  - Provides advanced networking services
  - Has more than 300 member institutions
  - Activities take place in working groups
- Middleware Architecture Committee for Education
  - Runs MACE-dir, the directory working group, defines eduPerson
  - MACE has members also from outside the US



# What's in eduPerson

the eduPerson attributes





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- eduPersonOrgUnitDN



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- eduPersonScopedAffiliation
- eduPersonTargetedID
- eduPersonAssurance



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if we already have eduPerson?



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- There is real need for a common European schema



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  - eduGAIN (GN2 AAI)



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Work was started creating an open SCHAC workgroup  
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Work was started creating an open SCHAC workgroup seeded with members of tf-emc<sup>2</sup> 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



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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



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

## Linkage identifiers

- schacUniqueCode
- schacPersonalUniqueID





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

## Entry metadata

- schacExpiryDate



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- schacLinkageIdentifiers
- schacEntryMetadata
- **schacEntryConfidentiality**

## Confidentiality / AR / Visibility

- schacUserPrivateAttribute



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- schacEmployeeInfo
- schacLinkageIdentifiers
- schacEntryMetadata
- schacEntryConfidentiality
- **schacUserEntitlements**

## Authorization, entitlements

- schacUserStatus



# Where can you find SCHAC

the official web page and maillist



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



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- <http://www.terena.org/activities/tf-emc2/schac.html>
- [schac@terena.org](mailto:schac@terena.org)



# Who is using SCHAC

the SCHAC user community



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Intentionally non exhaustive



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- The tf-emc<sup>2</sup> work group
- The SCHAC maillist members
- Australian auEduPerson WG



# Thank you

## Questions?

answers not assured

