

# Directory Schemas

## Identity Management Workshop

Victoriano Giralt

Central Computing Facility  
University of Málaga, Spain

Chişinău, Republic of Moldova  
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# Overview

## 1 Definitions



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- 3 SCHAC



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- 4 Extending schemas



# The Schema

the directory constitution

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- If attributes are required or not
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**Base** = Just for inheritance

**Structural** = the main class of an object

**Auxiliary** = for extra attributes



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Internet2 effort for an standard schema

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



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- It is developed with inputs from the global higher ed community
- MACE-dir list (by invitation) is the forum for eduPerson related discussion



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The players

- Internet2



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  - Runs MACE-dir, the directory working group, defines eduPerson
  - MACE has members also from outside the US



# SCHema for ACademia

the European effort for a common education schema

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



# SCHAC

## The players

- TERENA
  - Coordinates task forces, tf-emc<sup>2</sup> for middleware
  - Provides logistics for collaboration
  - tf-emc<sup>2</sup> has an activity on directories, responsible for SCHAC
- EUNIS
  - Has connections to the policy side of the equation
  - Provides Bologna know-how
- European NRENs
  - Promote the schema amongst their constituencies
  - Provide input from their national schemas
  - Adapt their national schemas to SCHAC



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- Then, follow the standards: RFCs, IETF
- Where possible, use a common language (English)
- Do not use local language attribute names
- Publish your schema, maybe useful for others



## Some URLs

- IANA OID registry** <http://pen.iana.org/pen/PenApplication.page>
- eduPerson** <http://www.nmi-edit.org/eduPerson/draft-internet2-mace-dir-eduperson-latest.html>
- SCHAC** <http://www.terena.org/activities/tf-emc2/schac.html>
- Esquema IRIS** <http://www.rediris.es/ldap/esquemas/iris.schema>
- tf-emc<sup>2</sup>** <http://www.terena.org/activities/tf-emc2/>
- MACE** <http://middleware.internet2.edu/MACE/>

