



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

MyAcademicID @ UNIBO

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ESI implementation

European Student Identifier (ESI) specification: The ESI is globally unique, persistent, non-targeted, protocol neutral and data transport neutral.

UNIBO implementation: *ESI with HEI-wide scope student code*

urn:schac:personalUniqueCode:int:esi:<***schacHomeOrganization***>:<***code***>

schacHomeOrganization = unibo.it

code = UNIBOPersonalUniqueCode

Implementation on Shibboleth IDP v3 federated with IDEM / eduGAIN:

- 1) Defined the ***personalUniqueCode*** attribute in attribute-resolver
- 2) Used an attribute-filter which provides ***personalUniqueCode*** to the entity category Research&Scholarship e il Data Protection Code of Conduct (CoCo)



How to use eduGAIN and ESI ?



Erasmus Without Paper

- Replacing a paper-based workflow by a digital one
- Tackling the administrative workload for students and staff
- Creating free public infrastructure
- Streamlining technical solutions for student mobility

Examples

1. eduGAIN allows ERASMUS incoming students to use their academic credentials to access:
 - UNIBO services related to ERASMUS mobility
 - Services offered by other institutions or private companies in Bologna (e.g., discounts, reserved promotions)
2. ESI allows universities to simplify ERASMUS administrative activities:
 - correctly connect different processes related to the same mobility (nomination, learning agreement, dates certification, transcript of records, ..)
 - link different mobility periods done by the same student

Technical activities:

- Best way to integrate eduGAIN with other UNIBO authentication services
- Extension of UNIBO Student data model with ESI

