



CSC

ICT Solutions for  
Brilliant Minds



# Haka tekninen työryhmä

3.3.2022



Haka



## funetEduPersonSchma 2.5

- updated eduPersonAffiliation convention used in Haka federation for open-university
- updated funetEduPersonStudentCategory mapping of open-university to "member" value in eduPersonAffiliation
- updated attribute specifications to correspond eduPerson202111. New attribute eduPersonAnalyticsTag
- Added note to schacPersonalUniqueCode, when using ESI Entity category

# eduPersonAffiliation

- **Member** = This value covers all categories mentioned above plus students taking qualifying education courses or further education courses (pätevöitymiseen tähtäävä täydennyskoulutus, muu täydennyskoulutus).
- **Affiliate** = a person that for some reason has to be granted a user identity in the organization, but who does not receive any other benefits. E.g. an open university and further education center students (avoin yliopisto/korkeakoulu, täydennyskoulutuskeskuksen opiskelijat), a degree student with an absent status (poissaolevaksi kirjoittautunut tutkinto-opiskelija), a library walk-in (kirjaston kadunmies-asiakas), an outside member of a research group etc.



- **Member** = This value covers all categories mentioned above plus students taking qualifying education courses, further education courses or open university and further education center students (pätevöitymiseen tähtäävä täydennyskoulutus, muu täydennyskoulutus, avoin yliopisto/korkeakoulu, täydennyskoulutuskeskuksen opiskelijat).
  - Erikoislääkäri- ja erikoishammaslääkärikoulutus
  - Pätevöitymiskoulutus
  - Erikoistumisopinnot
  - Avoimen opinnot
  - Opettajan pedagogiset opinnot
  - Ammatillinen opettajankoulutus
  - Oppisopimus-tyyppinenkoulutus
  - Valmentava koulutus
  - Erillisoikeus
  - Erikoistumiskoulutus
- **Affiliate** = a person that for some reason has to be granted a user identity in the organization, but who does not receive any other benefits. E.g. a degree student with an absent status (poissaolevaksi kirjoittautunut tutkinto-opiskelija), a library walk-in (kirjaston kadunmies-asiakas), an outside member of a research group etc.

<https://wiki.eduuni.fi/display/CSC/OOTUKI/Haka-attribuutit+ja+koulutusmuodot>

# funetEduPersonStudentCategory

This is a more fine-grained attribute for student categories than eduPersonAffiliation. Following mapping is expected:

- eduPersonAffiliation="student": bachelor, master, licentiate, doctor, other-degree, visiting-student, exchange-student
- eduPersonAffiliation="member": qualifying-studies, further-education
- eduPersonAffiliation="affiliate": open-university, other



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- eduPersonAffiliation="student": bachelor, master, licentiate, doctor, other-degree, visiting-student, exchange-student
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- eduPersonAffiliation="affiliate": other

# eduPersonAnalyticsTag

## eduPersonAnalyticsTag

*(eduPerson202111) An opaque string that aggregates the use of a service by a set of subjects for the purpose of reporting or analytics by the originating organization.*

OID	Syntax	values	relevance
1.3.6.1.4.1.5923.1.1.1.17	DirectoryString	Multi	May

*When service access is anonymous or pseudonymous, a subject's home organization may need the ability to summarize and analyze the use of a service without explicitly recording that information at the point of access. This attribute allows for data to be provided to a service at the point of access so that it can be compiled for reporting or other purposes by the service. Multiple subjects may have the same value.*

*A value consists of 1 to 127 ASCII characters, each of which is either an alphanumeric ASCII character, the @ symbol (ASCII 64), an equals sign (ASCII 61), a hyphen (ASCII 45), an underscore (ASCII 95), or a period (ASCII 46). The first character MUST be alphanumeric.*

*The ABNF [RFC2234] grammar is therefore:*

*= (ALPHA / DIGIT) 0\*126(ALPHA / DIGIT / "@" / "=" / "-" / "\_" / ".")*

*Values should not be solely distinguished by case.*

**Example (SAML):**

```
<saml:Attribute Name="urn:oid:1.3.6.1.4.1.5923.1.1.1.17"
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri"
FriendlyName="eduPersonAnalyticsTag">
  <saml:AttributeValue>FOOBAR_ZORKMID</saml:AttributeValue>
  <saml:AttributeValue>FOOBAR_ZORKMID2</saml:AttributeValue>
</saml:Attribute>
```

# schacPersonalUniqueCode

**European Student Identifier Entity Category**

**NOTE:** If you plan to use ESI Entity Category,  
according to <https://wiki.geant.org/display/SM/European+Student+Identifier+Entity+Category>:

*"Please note that the attribute schacPersonalUniqueCode is multivalued, therefore it is important to only release the ESI value."*

- <https://wiki.geant.org/display/SM/European+Student+Identifier+Entity+Category>



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