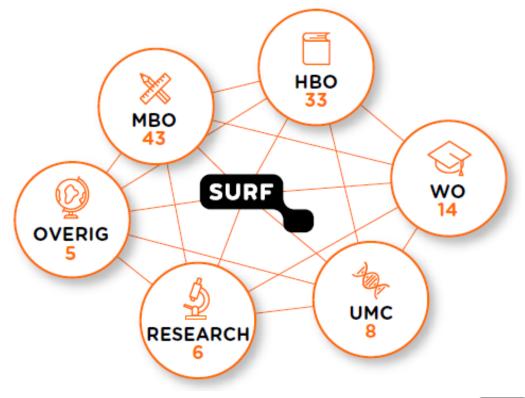


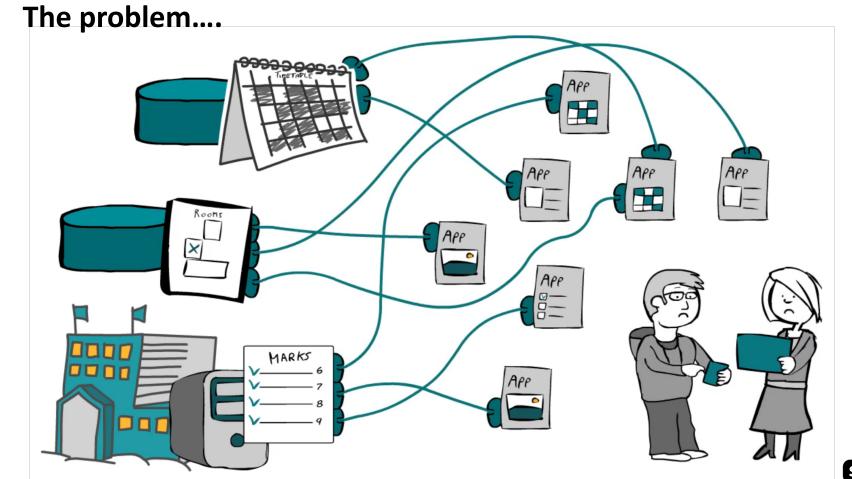


Serving over 1 million users











We still have data silos

- Educational data is still mostly stuck in silos.
- Hard to move data in and out of systems.
- Lots of extra clerical work that educators and administrators have to do.

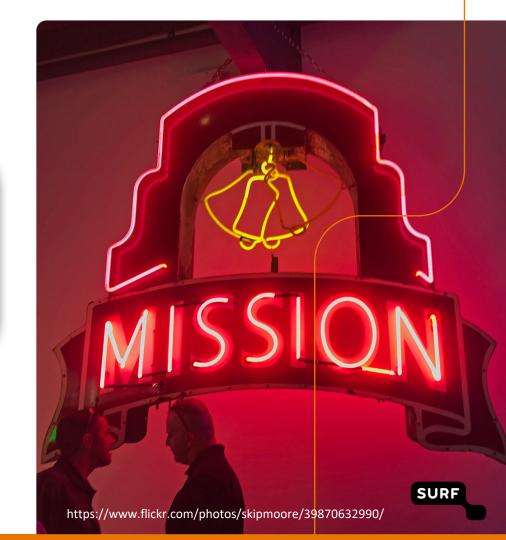
This is mostly because educational apps and software do not, as a rule, talk to one another.

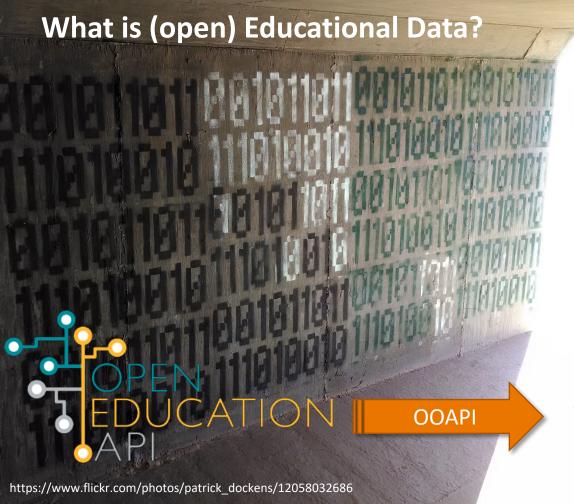


The Open Education API project

"To make educational data available in a standardized, safe and user friendly way"







Metadata about educational institute

or

Open Educational Resources (OER)

or

Administrative data that is released by educational systems



Open Onderwijs API

The open standard for sharing education data





What is standardized?

Syntax

The description of the API REST endpoints.

The aim of this is that educational institutions that provide educational data through an API will do this according to the Open Education API.

Dataformat

The output of the API, the JSON code.

The objective of this is that applications know which output can come, so that eg a mobile app works with the OOAPI of all institutions that apply and offer it.

Semantics

Analysis of the concepts and modeling of the databases that are on the nomination to be unlocked.

Check whether they fit in with the formal standardized concepts and OBK modeling.

Also check whether they appear or should occur in the HORA data dictionary.

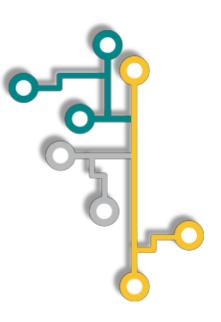
https://github.com/open-education-api/specification

The OOAPI 2.1 specification

The Open Education API currently supports the following data types:

- ✓ Course information: /courses
- ✓ News: <u>/newsfeeds</u> and <u>/newsitems</u>
- ✓ Users: <u>/persons</u>
- ✓ Educational: <u>/faculties,</u> <u>/educational-departments,</u> <u>/educational-plans, /course-groups</u>

- ✓ Timetables: /schedules
- ✓ Study progress: <u>/courseresults</u>
- ✓ Exam results: <u>/testresults</u>
- ✓ Buildings: /buildings
- ✓ Available workstations: <u>/rooms</u>



Specification: https://github.com/open-education-api/specification

Documentation: https://rawgit.com/open-education-api/specification/v2/docs.html



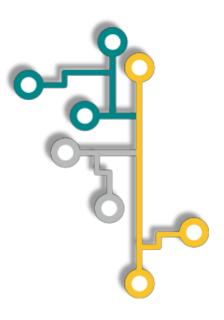
The upcoming OOAPI 3.0 specification

The Open Education API currently supports the following data types:

- ✓ Course information: /courses
- ✓ News: <u>/newsfeeds</u> and <u>/newsitems</u>
- ✓ Users: <u>/persons</u>
- Educational: /faculties,
 /educational-departments,
 /educational-plans, /course-groups

- ✓ Timetables: <u>/schedules</u>
- ✓ Study progress: <u>/courseresults</u>
- ✓ Exam results: <u>/testresults</u>
- ✓ Buildings: /buildings
- ✓ Available workstations: <u>/rooms</u>

Align with OpenAPI 3.0
Add notification endpoints
Add groups and group roles definitions
Add identifiers for levels and room types
Bring back certain POSTS calls
Support multilingual responses



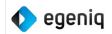




Community

https://github.com/open-education-api/specification/blob/v2/Governance.md



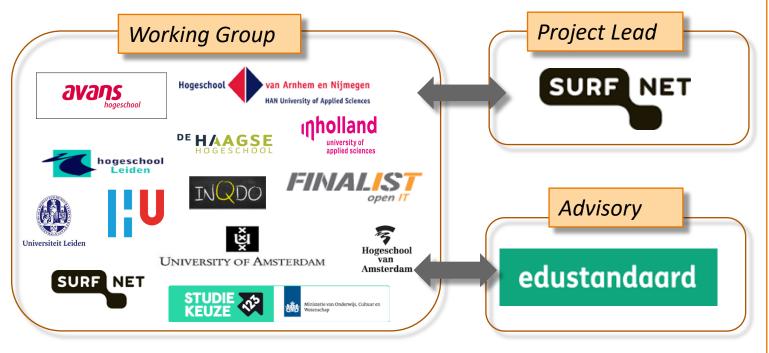


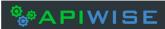


















https://openonderwijsapi.nl/en/

the standard for education data

Using your phone to find the nearest unoccupied computer? Or enroll in a course in a few clicks? Or quickly check your timetable or your marks? The Open Education API will help you do this.



Open Onderwijs API
The open standard for sharing education data

00:00

POWERED BY SURF NET

OPEN EDUCATION API

SURFnet is working with some higher education institutions to define a standard API: the Open Education API. An API is a set of definitions which help software programs communicate with each other. It can be used

Search..





News

English translation of the website available

Due to overwhelming demand, and to be prepared for TNC2016 we have translated th

Welcome to the Open Education API website

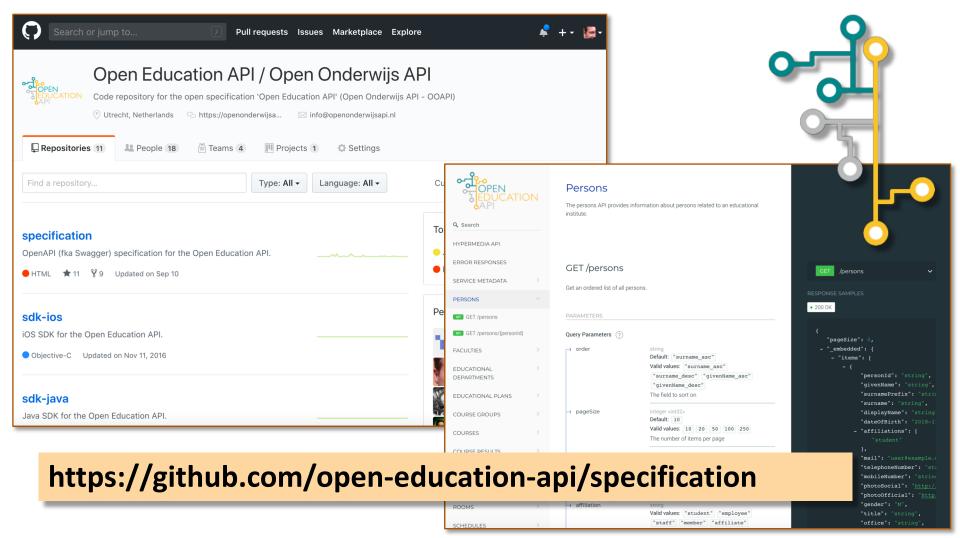
There is an increasing interest in the Open Education API. On October 1, 2015 we...

Best practice UvA: the Mijn-UvA app utilizes data from different sources using the Open Education API

The 'MijnUvA'-app (MyUvA App) combines data from the electronic learning environ...

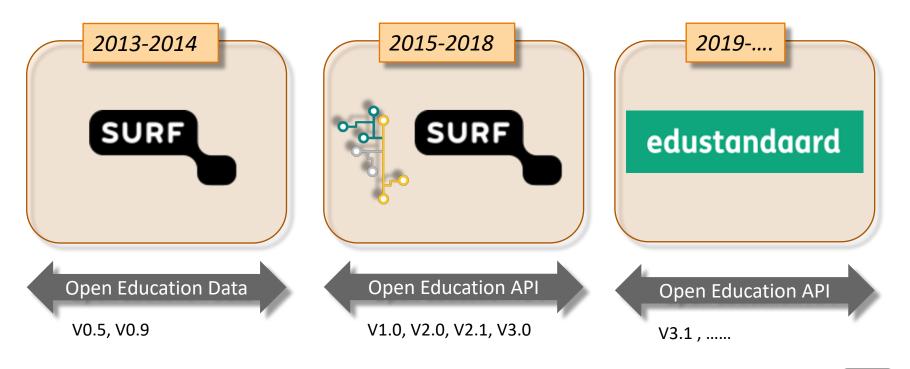
Mark de Jong shares experiences with the Open Education API







SURF Education Innovationproject 2015-2018





OOAPI Roadmap

- Finalize the OOAPI V3.0 specification
- Prepare Governance for transition to Edustandaard
- Align OOAPI with IMS EDU-API
- Collect issues for future releases
- Describe the data items of the OOAPI specification
- Design a better mechanism for updating the overview of institution OOAPI endpoints
- Define guidelines for authentication and authorisation for the implementation of the OOAPI





Collaborative organisation for ICT in Dutch education and research

Search on the site





Home > Innovation projects > Education Innovation with IT > Organising flexibility

Organising flexibility

The student population is becoming increasingly diverse, and every student has their own preferences and wishes. Consequently, student-oriented education requires flexibility. SURF is developing tools for student mobility and educational logistics that institutions can use to make their education more flexible and offer students more choices.

Offering students choices

SURF wants to help institutions to organise their education in a more flexible way. Our starting point is the idea that institutions can offer students more freedom of choice. This requires flexibility in many respects: in creating the curriculum, in facilitating student mobility within and between the institutions, and in the way education is organised.

Student mobility

Students have the most freedom of choice when they can create their curr following courses at different educational institutions. This is not easy to ach obstacles in educational logistics, legislation, privacy issues and the comple. investigating what the exact bottlenecks are and whether we can offer gene be tested with a number of institutions.

Open badges and micro-credentialing

Micro-credentialing means breaking down the certification of education could



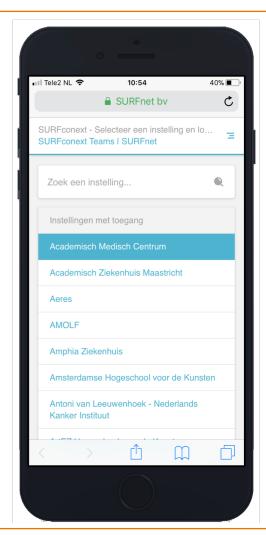






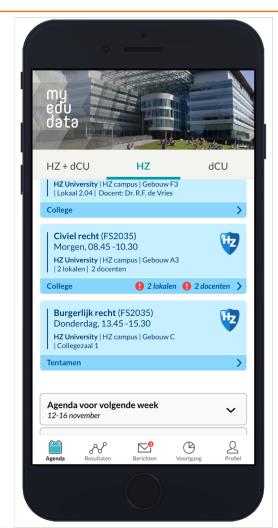
























OOAPI vs EDU-API

- Student centric
- Tends towards OneRoster
- Focus on courses and schedules

- Machine to machine
- Tends towards LIS
- First focus on Persons and Demographics



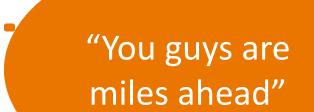




OOAPI vs EDU-API

Thanks, but are we at least on the same path?





Mag







