Technical Specification

Admission API

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# Introduction

The Admission API provides services that make it possible to set the admission information. The services in the Admission API are accessed via URIs.

Admission of external students is used for admission of external students, e.g. students that studies in a school in another municipality.

This document refers to documentation/standard where you can find information about:

* Which admission information that a user can set via the Admission API.
* How the admission information is divided into entities/classes and how these entities are structured.

## Prerequisites

Before you can get access to the Admission API you must request a license key from Tieto. You should have basic knowledge on Swedish school system, W3C XML before you start using the API.

# Supported school types

The table below describes the supported types of school.

| School type | Description | Code |
| --- | --- | --- |
| Upper Secondary School | Secondary school, 3-4 years education | GY |
| Upper Secondary School For Learning Disabilities | Secondary school for learning disabilities | GS |

# Admission of external students

## Domain model

The diagram below describes how the information is divided into entities and how these entities are structured.



## Entities

### Student

| Name | Description | Read-only |
| --- | --- | --- |
| id | Person id for the applicant | No |
| firstname | First name | No |
| lastname | Last name | No |
| hasgraduated | Has graduated | No |
| hasstudycertificate | Has study certificate | No |
| unit (See 3.2.2) | Unit | No |
| program (See 3.2.3) | Program | No |
| municipalitycode | Municipality code | No |

### Unit

| Name | Description | Read-only |
| --- | --- | --- |
| name | School name | No |
| address | Street address | No |
| pcode | Postal code | No |
| city | City | No |
| phone | Phone | No |
| email | Email address | No |
| municipalitycode | Municipality code | No |
| governedby | Governed by | No |
| schoolunitcode | School unit code | No |
| schooltype | School type | No |

### Program

| Name | Description | Read-only |
| --- | --- | --- |
| code | Program code | No |
| profile | Profile | No |
| variant | Variant | No |
| schoolyear | School year | No |
| start | Start date | No |
| end | End date | No |
| amount | Amount | No |
| pricecode | Price code | No |
| reason | Reason for cost | No |

### Properties

The delivery information of the IMS Enterprise packaging that is used to manage the exchange of data between source and target system.

| Name | Description |
| --- | --- |
| datasource | This is the source identifier of data source, for export the source contains customer domain and school type. |
| comments | Input values for the service. |
| datetime | The date and time the XML information were generated. The format is as [YYYY-MM-DDTHH:MM:SS] |
| schooltype | Exported schooltype (GY or GS) |

# Services

All services are based on HTTP REST technology and organized in school types to match each school structure. “Update services” are using the method HTTP POST and “Get services” are using the method HTTP GET.

## Admission of external students

### Export

Export of admission from other municipality information is not supported.

### Import

The services below update or add new admission from other municipality. The services take no parameters.

Services:

| Service | Description |
| --- | --- |
| UpdateUpperSecondarySchoolAdoptedExternalStudents | Update or add new admission from other municipality information for upper secondary school student |
| UpdateUpperSecondarySchoolForLearningDisabilitiesAdoptedExternalStudents | Update or add new admission from other municipality information for upper secondary school with learning disabilities student |

# Appendix

## References

| Name | Address |
| --- | --- |
| Admission API XML schemas and examples | <https://github.com/ExchangeServices> |

## Vocabulary

| Word | Description |
| --- | --- |
| Child | Children below 6 year |
| Student | School student 6 year and older |
| PID | Personal identity, formatted [YYYYMMDD-NNNN] |
| GUID | Global unique identifier |