Technical Specification

Document API

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1 Introduction

The Document API in Lifecare Exchange Services provides services that make it possible to import links to documents, such as IUP documents. The services in the Document API are accessed via URIs.

This document describes following:

- Which information that a user can import via the Document API.

- How the document link information is divided into entities and how these entities are structured.

1.1 Prerequisites

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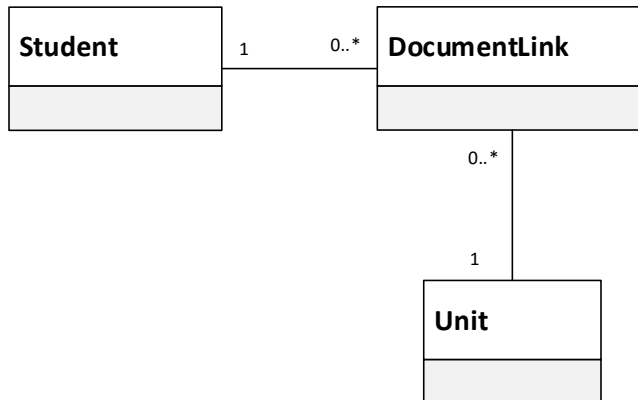
2 Supported school types

The table below describes the supported types of school.

School type	Description	Code
Preschool class	Preschool class for children 6 years of age	FK
Compulsory School	Primary school for younger students	GR
Compulsory School For Learning Disabilities	Compulsory school for learning disabilities	S
Upper Secondary School	Secondary school. 3-4 years education	GY
Upper Secondary School For Learning Disabilities	Secondary school for learning disabilities	GS
Municipal Adult School	Municipality school for adults	KV

3 Domain model

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

```
┌──────────────┐  1      0..* ┌──────────────┐
│ Student      │──────────────│ DocumentLink │
├──────────────┤              ├──────────────┤
│              │              │              │
└──────────────┘              └──────────────┘
                                     │ 0..*
                                     │
                                     │ 1
                              ┌──────────────┐
                              │    Unit      │
                              ├──────────────┤
                              │              │
                              └──────────────┘
```

4 Entities

4.1 Properties

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

Name	Description
datetime	The date and time the XML information were generated. The format is as [YYYY-MM-DDTHH:MM:SS]
datasource	This is the source identifier of data source
comments	Input values for the service, in free text format.
schooltype	The schooltype of which the data is encompassing
timeframe	Time frame for the document data

4.2 StudentDocumentLink

Name	Description	Read-only
studentid	Id for the student the document is written for	No
documentlink	List of documents belonging to the student	No
complete	Boolean indicating whether the documents in documentlink are the actual collection of documents (and their respective change-value is ignored), or if they	No

Name	Description	Read-only
	are an update of the existing collection	

4.3 DocumentLink

Name	Description		Read-only
href	Link to the document (id for the document)		No
name	Document name		No
type	Type of document IndividualDevelopmentPlan ActionPlan PerformanceReview OwnDocument	Individual development plan (IUP) Action program (ÅP) Performance review Own document	No
unitid	Id for the unit the document belongs to		No
start	Date when the document was created		No
end	Date when the document is archived and is no longer used		No
change	Type of change Add Update Delete	New document link Updated document link Deleted document link	No

5 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.

5.1 Update of document links

The services update document links for students.

The services take no parameters.

Base path for services are: https://[host]/WE.Education.Integration.Host/LES/Document/V2/Document.svc

Services:

Service	Description
UpdatePreSchoolClassDocumentLinks	Update document links for preschool class
UpdateCompulsorySchoolDocumentLinks	Update document links for compulsory schools
UpdateCompulsorySchoolForLearningDisabilitiesDocumentLinks	Update document links for compulsory school with learning disabilities
UpdateUpperSecondarySchoolDocumentLinks	Update document links for upper secondary school
UpdateUpperSecondarySchoolForLearningDisabilitiesDocumentLinks	Update document links for upper secondary school with learning disabilities
UpdateMunicipalAdultSchoolDocumentLinks	Update document links for municipal adult education

6 Appendix

6.1 References

Name	Address
Document API XML schemas and examples	https://github.com/ExchangeServices

6.2 Vocabulary

Word	Description