

Technical Specification

Schedule API



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1 Introduction

The Schedule API in Lifecare Exchange Services provides services that make it possible to import teacher assignments. The services in the Schedule API are accessed via URIs.

This document describes following:

- Which information that can be imported via the Schedule API.
- How the information is divided into entities and how these entities are structured.

1.1 Prerequisites

Before you can get access to the Schedule 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.

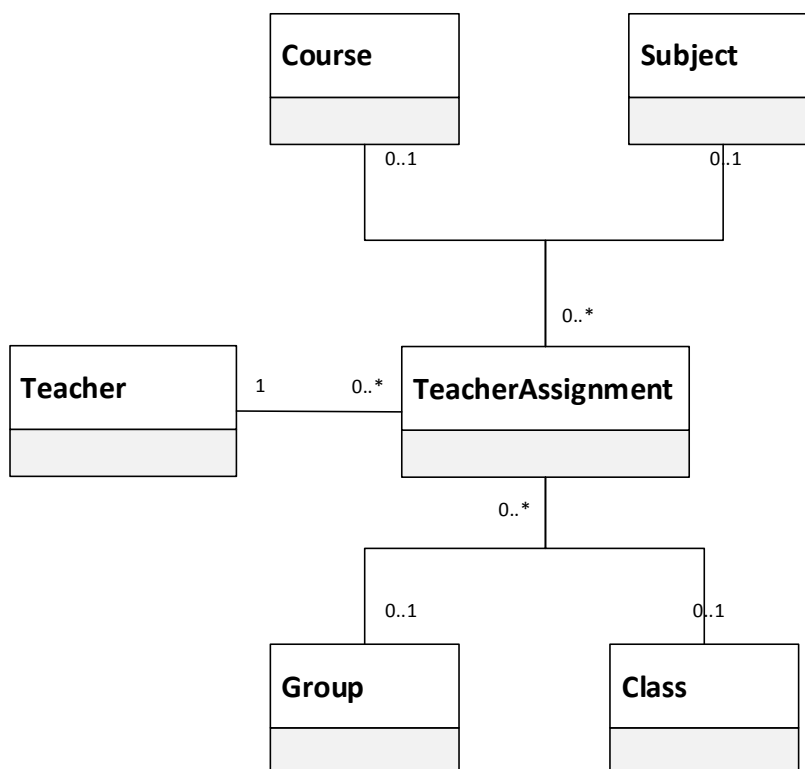
School type	Description	Code
Compulsory School	Compulsory school	GR
Compulsory School For Learning Disabilities	Compulsory school for learning disabilities	S
Upper Secondary School	Secondary school. 3-4 years education	GY
Upper Secondary School For Learning Disabilities	Secondary school for learning disabilities	GS
Swedish For Immigrants School	Swedish for immigrants school	SF
Adult School For Learning Disabilities	School for adults with learning disabilities	SV
Municipal Adult School	Municipality school for adults	KV
Higher Vocational Education	Higher vocational education	YH

3 Teacher assignments

3.1 Description

This chapter describes the teacher assignment entities and their attributes.

3.2 Domain model



3.3 Entities

3.3.1 TeacherAssignment

Name	Description	Read-only
teacherid	Teacher identity	No
classid	Class identity	No
groupid	Group identity	No
subjectcode	Subject code	No
coursecode	Course code	No

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Name	Description	Read-only
hours	Number of hours	Yes
start	Start time	Yes
end	End time	Yes

4 Services

All network services are based on HTTP REST technology and organized in school types to match each school structure. Importing information using method HTTP POST and export information using method HTTP GET.

4.1 Teacher assignments

4.1.1 Import

The services below update or add new teacher assignment. The services take no parameters.

Base path for services are: [https://\[host\]/WE.Education.Integration.Host/LES/Schedule/V1/Schedule.svc](https://[host]/WE.Education.Integration.Host/LES/Schedule/V1/Schedule.svc)

Services:

Service	Description
UpdateCompulsorySchoolTeacherAssignments	Update or add new teacher assignments for compulsory school
UpdateCompulsorySchoolForLearningDisabilitiesTeacherAssignments	Update or add new teacher assignments for compulsory school for learning disabilities
UpdateUpperSecondarySchoolTeacherAssignments	Update or add new teacher assignments for upper secondary school
UpdateUpperSecondarySchoolForLearningDisabilitiesTeacherAssignments	Update or add new teacher assignments for upper secondary school for learning disabilities
UpdateSwedishForImmigrantsSchoolTeacherAssignments	Update or add new teacher assignments for Swedish for immigrants
UpdateMunicipalAdultSchoolTeacherAssignments	Update or add new teacher assignments for municipal adult school
UpdateAdultSchoolForLearningDisabilitiesTeacherAssignments	Update or add new teacher assignments for adult school for learning disabilities
UpdateHigherVocationalEducationTeacherAssignments	Update or add new teacher assignments for higher vocational education

5 Appendix

5.1 References

Name	Address
Schedule API XML schemas	https://github.com/ExchangeServices/API

5.2 Vocabulary

Word	Description
PID	Personal identity, formatted [YYYYMMDD-NNNN]
GUID	Global unique identifier