Technical Specification

System API

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1 Introduction

The System API provides services that make it possible to exchange files and start batch programs.

1.1 Prerequisites

Before you can get access to the System API you must request a license key from Tieto. You should have basic HTTP knowledge before you start using the API.

The system must be configured with a correct root directory on server for uploading and downloading. All batch programs must be configured with path and batch id. Tieto Education Resource Agent service must be configured with a Windows user with correct access privileges for disk and process execution.

2 Services

All network services are based on HTTP REST technology. Services are using HTTP POST and HTTP GET for upload and downloading.

Base path for services are: https://[host]/WE.Education.Integration.Host/LES/System/V1/System.svc

2.1.1 ListFileNames

Returns all filenames for stored files on server.

Service parameters:

Parameter	Mandatory	Description
SubDirs	No	A list, delimited by |, of subdirectories to list filenames in

Returns a list, delimited by newline, of filenames found.
If the SubDirs-parameter has been given, the filename(s) is a relative path below root directory

If the SubDirs-parameter has been omitted, only filenames in root directory are returned, hence no path is given.

2.1.2 GetFile

Return a specific file on server identified by file name.

Service parameters:

Parameter	Mandatory	Description
Filename	Yes	Filename for stored file. May include a path, relative to root directory

2.1.3 DeleteFile

Delete stored file on server identified by file name.

Service parameters:

Parameter	Mandatory	Description
Filename	Yes	Filename for stored file. . May include a path, relative to root directory

2.1.4 AddFile

Upload file to server

Service parameters:

Parameter	Mandatory	Description
Filename	Yes	Filename for uploaded file. May include a path, relative to root directory

2.1.5 StartBatch

Start a batch program on server identified by batch id.

Service parameters:

Parameter	Mandatory	Description
BatchId	Yes	Name on registered batch job
Param	No	Arguments for batch

2.1.6 WriteToLog

Write to log provide the way to log the information/warning/error into the system.

Service parameters:

Parameter	Mandatory	Description
Message	Yes	Log text
Event level	No	Event level like information, warning, error
Log from	Yes	Name of source who is calling this API

3 Batch programs

Information about installed batch programs.

ID	Parameters	Description

4 Appendix

4.1 References

Name	Address

4.2 Vocabulary

Word	Description