Technical Specification

ARCHIVING API

Archiving API v1 - Technical Specification.docx

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1 Introduction

The Archiving API provides services that make it possible to get archive files for long term storage in external system. The services in the Archiving API are accessed via URIs.

This document describes following:

- Which services that are available in Archiving API.

- How an archive package is structured.

1.1 Prerequisites

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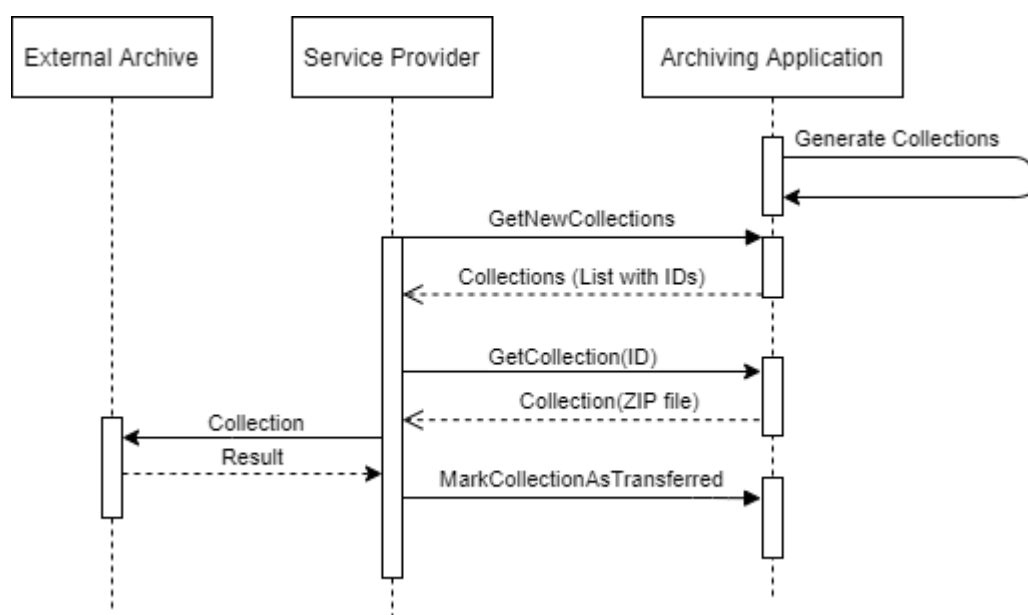
2 Archiving

2.1 Description

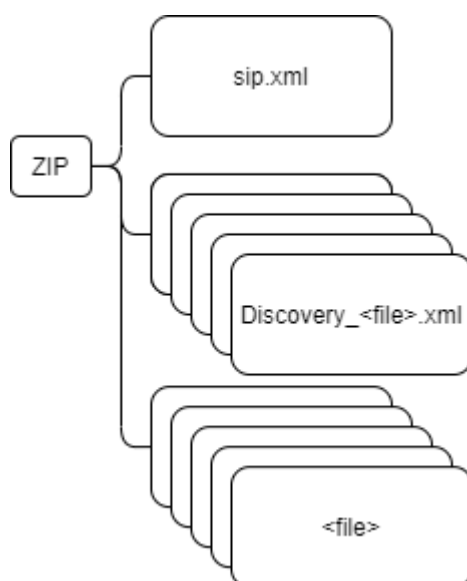This chapter describes how the archiving services are used.

2.2 Domain model

The archiving application creates collections where a collection consists of one or many archives. The service provider retrieves collections available for processing. Each collection is then retrieved from the archiving application and sent to the external storage. After verification that the archives in the collection are stored an update is sent to the archiving application and the locally stored files are removed.

2.3 Packet structure

Each archive packet is compressed into a ZIP file and consists of exactly one sip.xml and one or more data files with a corresponding discovery file for each data file. The content of the sip file follows the specification "FGS Paketstruktur" version 1.2. The data file is the file that will be stored in the external archive and is e.g. in PDF format. The discovery file is meta data that is not covered in the FGS such as identifiers specific for the content in the data file.

2.4 Services

2.4.1 GetCollections

In: <Nothing>

Out:

Name	Description
collectionId	A list of collection guids

2.4.2 GetCollection

In:

Name	Description
collectionId	Collection guid

Out:

Name	Description
ZIP file	ZIP file with generated name.

2.4.3 MarkCollectionAsTransferred

In:

Name	Description
collectionId	Collection id
isSuccess	If the transfer was a success or not
externallyArchivedIds	List with relations between external and internal archive ids.

Out: <Nothing>

3 Appendix

3.1 References

Name	Address
Archiving API XML schemas and examples	https://github.com/ExchangeServices
FGS Packet structure	https://riksarkivet.se/faststallda-kommande-fgser
FGS Packet structure examples	http://xml.ra.se/e-arkiv/