Questionary applications   
File and WEB service structure

SmartVista Standard

December 2018

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Introduction

History

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| --- | --- | --- | --- |
| Revision | Date | Author | Details |
| 1.0 | 14.12.2018 | Kolodkina Y. | Initial version of document |

Document purpose

The document is intended for developers of interface with the SmartVista system in terms of the registration of bank issuing structure. The document describes the content and structure of the interface.

References

SVAP Web Services schema and its underlying components are required for SmartVista.  
The following are the locations of the WSDL and XSD files.

SVAP WSDL: svap.wsdl

SVAP XSD: svap\_questionary.xsd

Example of xml document for different flow provided in file:

app\_flow.example.2401.xml

XML document structure

General

Application to change the issuing structure of the bank are XML document containing all the necessary information to perform changes (new clients registration, issuing cards/accounts , personal data change, services activation/deactivation, etc.) . The application may be sent into SmartVista off-line in a file or on-line via a WEB service. In both cases, the data structure is identical. In file can be transferred several applications at once. Therefore, XML document in the file contains additional root tag APPLICATIONS, which contains several tags APPLICATION. In case of a web service in a single call sent only one application and the root tag is APPLICATION.

As a result of the application processing system returns the same structure with additional fields. In the case of unsuccessful processing of this tag will be errors. Tag error tied to the tag, the processing of which it originated. In case of successful processing in the application structure will be added tags with automatically generated identifiers (card number, account number, contract number, etc.).

If on-line validating and processing of application via a WEB service is unsuccessful, field <faultstring> in response contains human-readable description of error, block <detail> may contain field <details> with additional information for error clarification. Example of response is given in file svap\_error.example.xml

This document describes the overall structure of issuing application and lists of all possible tags. However, the final structure of the application (a set of mandatory tags) depends on the application destination (see the description of the tag APPLICATION\_FLOW\_ID).

Each tag type COMPLEX may contain an attribute ID. This is a unique identifier tag within a single application. It is not mandatory. This attribute is used to link the tags if one tag is referring to another. To link one tag to another using the tag attribute REF\_ID. This relationship can be used, for example, when it is necessary to establish a connection between a card and an account that the application describes the different tags. In the case when a complex tag should contain a value, it is given in the attribute VALUE.  
  
For some text or complex tags are needed to define language that provided the information contained in the tag. For that purpose is added attribute LANGUAGE, which must contain the value from the dictionary of languages. If a particular tag is a multilingual and can be added several of these tags, it can be added in same language only one time.

## List of tags

| Tag name | Data type | Length | Occurs | Description |
| --- | --- | --- | --- | --- |
| application | | | | |
| application\_id | long | 16 | 0-1 | Unique Id of application in SmartVista |
| application\_number | string | 200 | 0-1 | Unique number of application generated by external system |
| application\_date | date |  | 0-1 | Created application in an external system |
| application\_type | string | 8 | 1-1 | Application type. Constant: APTPQSTN – questionary application. |
| application\_flow\_id | int | 4 | 1-1 | Describes an application purpose (new customer registration, issuing additional card, personal data change etc.). Choosing from a predefined list. |
| application\_status | string | 8 | 1-1 | Application status. Value from dictionary APST. |
| operator\_id | string | 200 | 0-1 | System name of the user who created the application |
| institution\_id | int | 4 | 1-1 | Institution identifier |
| questionary | complex |  | 1-1 | Questionary data |
| error | complex |  | 0-\* | Contains data error occurred when processing the parent element. |
| questionary | | | | |
| command | string | 8 | 1-1 | Action which should be applied to the object. Value from dictionary CMMD. |
| survey\_number | string | 200 | 1-1 | Survey number by which questionary is created |
| object\_number | string | 200 | 1-1 | The number of object which is questionary owner (Customer, Cardholder, Merchant etc.). |
| questionary\_number | string | 200 | 0-1 | Questionary number. |
| status | string | 8 | 0-1 | Questionary status. |
| questionary\_parameter | complex |  | 1-\* | Parameter included into questionary. |
| error | complex |  | 0-\* | Contains data error occurred when processing the parent element. |
| questionary\_parameter | | | | |
| parameter\_name | string | 50 | 1-1 | Parameter name. |
| parameter\_value | string | 200 | 1-1 | Parameter value. |
| sequence\_number | int | 4 | 0-1 | Sequental number of occurence in questionary. |