

ElsterTransit

Description of the data record formats

Overview

Explanations on the operation and control of ElsterTransit can be found in the presentation `ElsterTransitGenerally_en`.

The following describes the types of input data that ElsterTransit can process.

- **XML-files** for monthly, quarterly and annual VAT returns, Recapitulative Statement, reports for tax dismantling and die Income surplus account
- **CSV files** for uniform and separate determination, reports for tax dismantling, KMV reports
- **Excel files** for uniform and separate determination, reports for tax dismantling.

Structure of the XML file, headline

The data for ElsterTransit is saved in an XML file. The files name is passed as parameter to ElsterTransit.

The file begins after the mandatory `<?xml version="1.0"?>` followed by the XML tag describing the kind of tax form and the period it is valid for. The basic structure:

```
<Reportkind_of_report_and_year TaxonomyId="key_kind_of_tax_and_year" PeriodStart="YYYYMMDD"  
PeriodEnd="YYYYMMDD">
```

Monthly/quarterly VAT return	<code><ReportUmsatzStVoranmeldung</code> <i>YYYY</i>	<code>TaxonomyId="UStVoranm_</code> <i>YYYY</i> <code>"</code>
Income tax registration	<code><ReportLohnsteuerAnmeldung</code> <i>YYYY</i>	<code>TaxonomyId="LStAnm_</code> <i>YYYY</i> <code>"</code>
Request for permanent extension without amount	<code><ReportDauerfristverl</code> <i>YYYY</i>	<code>TaxonomyId="Dauerfristverl_</code> <i>YYYY</i> <code>"</code>
with Special advance payment	<code><ReportSondervoraus</code> <i>YYYY</i>	<code>TaxonomyId="Sondervoraus_</code> <i>YYYY</i> <code>"</code>
Annual VAT return	<code><ReportUmsatzStErklärung</code> <i>YYYY</i>	<code>TaxonomyId="UStErklärung_</code> <i>YYYY</i> <code>"</code>
Recapitulative Statement	<code><ReportZusammenfassendeMeldung</code> <i>YYYY</i>	<code>TaxonomyId="ZusaMeld_</code> <i>YYYY</i> <code>"</code>
Income surplus account	<code><ReportEinnahmenUeberschuss</code> <i>YYYY</i>	<code>TaxonomyId="EinnUebersch_</code> <i>YYYY</i> <code>"</code>
separate determination business tax	<code><ReportGewerbeStZerlegung</code> <i>YYYY</i>	<code>TaxonomyId="GewerbeStZerlegung_</code> <i>YYYY</i> <code>"</code>
separate determination corporation tax	<code><ReportKörperschStZerlegung</code> <i>YYYY</i>	<code>TaxonomyId="KörperschStZerlegung_</code> <i>YYYY</i> <code>"</code>

Structure of the XML file, FinancialItems

Data for the fields is written to so called `FinancialItems`.

Which field they represent is stated in the attribute `Id` of the `FinancialItem` tag, the value is written to the tag `Value`.

```
<FinancialItem Id="AbsName#0*0">  
  <Value>Absender GmbH</Value>  
</FinancialItem>
```

Tax number specialty : To make ElsterTransit calculate the 'Elster tax number' based on the 'federal state tax number' that is to the user, the data must be entered as follows, for example :

```
<FinancialItem Id="StNr#0*0">  
  <Value County="9" TaxNumberKnownByUser="198/150/00059">[calculate]</Value>  
</FinancialItem>
```

Values for the attribute **County**

1 = Schleswig-Holstein

2 = Hamburg

3 = Niedersachsen

4 = Bremen

5 = Nordrhein-Westfalen

6 = Hessen

7 = Rheinland-Pfalz

8 = Baden-Württemberg

9 = Bayern

10 = Saarland

11 = Berlin

12 = Brandenburg

13 = Mecklenburg-Vorpommern

14 = Sachsen

15 = Sachsen-Anhalt

16 = Thüringen

Structure of the XML file, Formularumfang

The list of FinancialItems is followed by a constant part concerning the list of forms, active and inactive filters and the topmost entries of the tree view.

```
<ReportElement RoleType="[Id of the form]">
  <FilterConceptIds>
    <FilterConceptId selected="false">internalValues</FilterConceptId>
  </FilterConceptIds>
  <TopmostFinancialItem Id="[Id of a FinancialItem]" />
  <TopmostFinancialItem Id="[Id of a FinancialItem]" />
  <TopmostFinancialItem Id="[Id of a FinancialItem]" />
</ReportElement>
<ReportElement RoleType="[Id of the form]">
  <FilterConceptIds>
    <FilterConceptId selected="false">internalValues</FilterConceptId>
  </FilterConceptIds>
  <TopmostFinancialItem Id="[Id of a FinancialItem]" />
  <TopmostFinancialItem Id="[Id of a FinancialItem]" />
  <TopmostFinancialItem Id="[Id of a FinancialItem]" />
</ReportElement>
```

The constants to be specified here can be seen from the example files. You must name all forms that are part of the current return. In most cases the number of current forms is identical with the entire number of forms that might be used.

Structure of the XML file, Elster field names

The field names correspond to the hierarchical structure of the Elster data.

The last part of the field name is the **elster number** used for transmission.

In case of table data behind the hash tag the **record number** is written.

Behind the asterix the **instance** is claimed in case of forms appearing multiple times within one report/return.

```
Id="SEHdr1|SEHdr1020|SEHdr1020010|SEHdr1020010040|SEHdr1020010040020|SEHdr1020010040020010|6307305#2*1"
```