

TAHMO import

This is an import for time series published using the TAHMO API.

FEWS configuration

In order to activate the TAHMO import as a FEWS import, it is required to set up a **TimeSeriesImportRun** module configuration file and an accompanying IdMap file.

The TAHMO import will take the `serverUrl` and append it with "stations" to obtain information about the available locations. It will then use the location id's to construct the query url's for the timeseries as such: "<serverUrl>/timeseries/<locationId>/hourly?startDate=...&endDate=...".

Example **Import configuration** file:

```
<?xml version="1.0" encoding="UTF-8"?>
<timeSeriesImportRun xmlns="http://www.wldelft.nl/fews"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.wldelft.nl/fews http://fews.wldelft.nl/schemas/version1.0/timeSeriesImportRun.xsd">
  <!-- This is an example import configuration file for importing Observations and Measurements data from a
  service -->
  <import>
    <general>
      <importType>TAHMO</importType>
      <serverUrl>https://tahmoapi.host.net/v1/</serverUrl>
      <user>dummy_username</user>
      <password>dummy_password</password>
      <relativeViewPeriod unit="hour" start="-5" end="0" startOverrutable="true" endOverrutable="true"/>
      <idMapId>IdImportTahmo</idMapId>
    </general>
    <timeSeriesSet>
      <moduleInstanceId>ImportTahmo</moduleInstanceId>
      <valueType>scalar</valueType>
      <parameterId>MyPar</parameterId>
      <locationSetId>MyLocSet</locationSetId>
      <timeSeriesType>external historical</timeSeriesType>
      <timeStep unit="nonequidistant"/>
      <readWriteMode>add originals</readWriteMode>
      <synchLevel>1</synchLevel>
    </timeSeriesSet>
  </import>
</timeSeriesImportRun>
```

Example **IdMap** file:

```
<?xml version="1.0" encoding="UTF-8"?>
<idMap version="1.1" xmlns="http://www.wldelft.nl/fews" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.wldelft.nl/fews http://fews.wldelft.nl/schemas/version1.0/idMap.xsd">
  <!--
    map internal timeseries directly to external timeseries
    externalLocation should be set to the location id
    externalParameter should be set to the parameter name
  -->

  <map internalLocation="MyLoc1" internalParameter="MyPar1" externalLocation="TA00269" externalParameter="
  atmosphericPressure" />
  <map internalLocation="MyLoc2" internalParameter="MyPar1" externalLocation="TA00099" externalParameter="
  windspeed" />

</idMap>
```