

CCH SureTax – Get Changed Integration Flow (iFlow)

Date Updated from SAP API site: 9/9/2019

Introduction:

CCH SureTax iFlow for SAP CO_TAX_JURI_GET_CHANGE_LIST_SPRX, which is configured in your SAP S4/HANA Cloud system via communication scenario SAP_COM_0177.

An active CCH SureTax account for V07 is required.

Please refer to SAP's CO_TAX_JURI_GET_CHANGE_LIST_SPRX documentation for details.

Please view the 'CCH SureTax Integration for SAP S4HC Technical Guide' for more details.

iFlow Details

1. URL = /WK_S4CLDtoWK_GetChanged
2. Used by SAP system for updating SAP's Changed Jurisdiction Codes with CCH SureTax's all geocodes.
3. Requests to the iFlow are expected to be SOAP format matching the XSD for CO_TAX_JURI_GET_CHANGE_LIST_SPRX's request (see TAX_JUR_GETCHANGELIST_SEND below).
4. CCH SureTax API (SOAP web service) used:
 - a. GetAllGeocodes
5. Returns SOAP response in format matching the XSD for CO_TAX_JURI_GET_CHANGE_LIST_SPRX's response (see below WSDL from https://api.sap.com/api/CO_TAX_JURI_GET_CHANGE_LIST/overview)

CO_TAX_JURI_GET_CHANGE_LIST.wSDL

```
<?xml version="1.0" encoding="utf-8"?>
<wSDL:definitions targetNamespace="http://sap.com/xi/FotETaxUS" xmlns:wSDL="http://schemas.xmlsoap.org/wSDL/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:wsoap12="http://schemas.xmlsoap.org/wsdl/soap12/" xmlns:http="http://schemas.xmlsoap.org/wsdl/http/"
xmlns:mime="http://schemas.xmlsoap.org/wsdl/mime/" xmlns:tns="http://sap.com/xi/FotETaxUS"
xmlns:n1="http://sap.com/xi/SAPGlobal20/Global">
<wSDL:documentation>
<sid:Sidl xmlns:sidl="http://www.sap.com/2007/03/sidl"/>
</wSDL:documentation>
<wSDL:types>
<xsd:schema targetNamespace="http://sap.com/xi/FotETaxUS" xmlns="http://sap.com/xi/FotETaxUS"
xmlns:xi0="http://sap.com/xi/SAPGlobal20/Global">
<xsd:element name="TAX_JUR_GETCHANGELIST_RECEIVE" type="TAX_JUR_GETCHANGELIST_RECEIVE"/>
<xsd:element name="TAX_JUR_GETCHANGELIST_SEND" type="TAX_JUR_GETCHANGELIST_SEND"/>
<xsd:complexType name="ExchangeFaultData">
<xsd:sequence>
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<xsd:element name="faultText" type="xsd:string"/>
<xsd:element name="faultUri" minOccurs="0" type="xsd:string"/>
<xsd:element name="faultDetail" minOccurs="0" maxOccurs="unbounded" type="ExchangeLogData"/>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="ExchangeLogData">
<xsd:sequence>
<xsd:element name="severity" minOccurs="0" type="xsd:string"/>
<xsd:element name="text" type="xsd:string"/>
<xsd:element name="url" minOccurs="0" type="xsd:string"/>
<xsd:element name="id" minOccurs="0" type="xsd:string"/>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="LOCATION_HEADER">
<xsd:sequence>
<xsd:element name="RETCODE" minOccurs="0">
<xsd:simpleType>
<xsd:restriction base="xsd:string">
<xsd:length value="1"/>
</xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="ERRCODE" minOccurs="0">
<xsd:simpleType>
<xsd:restriction base="xsd:string">
<xsd:maxLength value="4"/>
</xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="ERRMSG" minOccurs="0">
<xsd:simpleType>
<xsd:restriction base="xsd:string">
<xsd:maxLength value="72"/>
</xsd:restriction>
</xsd:simpleType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="TAX_JURI_CODE">
<xsd:sequence>
<xsd:element name="TXJCD" minOccurs="0" maxOccurs="unbounded">
<xsd:simpleType>
<xsd:restriction base="xsd:string">
<xsd:maxLength value="15"/>
</xsd:restriction>
</xsd:simpleType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="TAX_JUR_GETCHANGELIST_RECEIVE">
<xsd:sequence>
<xsd:element name="MSG_RETURN" minOccurs="0" type="LOCATION_HEADER"/>
<xsd:element name="TAX_JURI_CODE" minOccurs="0" type="TAX_JURI_CODE"/>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="TAX_JUR_GETCHANGELIST_SEND">
<xsd:sequence>
<xsd:element name="LAST_UPDATED_DATE">
<xsd:simpleType>
<xsd:restriction base="xsd:date">
<xsd:pattern value="[0-9]{4}-[0-9]{2}-[0-9]{2}"/>
</xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="SEND_DATE">
<xsd:simpleType>

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    <xsd:restriction base="xsd:date">
      <xsd:pattern value="[0-9]{4}-[0-9]{2}-[0-9]{2}"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:schema>
<xsd:schema targetNamespace="http://sap.com/xi/SAPGlobal20/Global" xmlns="http://sap.com/xi/SAPGlobal20/Global"
xmlns:xi0="http://sap.com/xi/SAPGlobal20/Global">
  <xsd:import namespace="http://sap.com/xi/FotETaxUS"/>
  <xsd:element name="StandardMessageFault">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element name="standard" type="tns:ExchangeFaultData"/>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
</xsd:schema>
</wsdl:types>
<wsdl:message name="TAX_JUR_GETCHANGELIST_SEND">
  <wsdl:part name="TAX_JUR_GETCHANGELIST_SEND" element="tns:TAX_JUR_GETCHANGELIST_SEND"/>
</wsdl:message>
<wsdl:message name="TAX_JUR_GETCHANGELIST_RECEIVE">
  <wsdl:part name="TAX_JUR_GETCHANGELIST_RECEIVE" element="tns:TAX_JUR_GETCHANGELIST_RECEIVE"/>
</wsdl:message>
<wsdl:message name="StandardMessageFault">
  <wsdl:part name="StandardMessageFault" element="n1:StandardMessageFault"/>
</wsdl:message>
<wsdl:portType name="Tax_Juri_GetChangeList">
  <wsdl:documentation>
    <sapdoc:sapdoc xmlns:sapdoc="urn:sap:esi:documentation">
      <sapdoc:docitem applicationComponent="FI-GL-GL-F"/>
    </sapdoc:sapdoc>
  </wsdl:documentation>
  <wsdl:operation name="Tax_Juri_GetChangList">
    <wsdl:input message="tns:TAX_JUR_GETCHANGELIST_SEND"/>
    <wsdl:output message="tns:TAX_JUR_GETCHANGELIST_RECEIVE"/>
    <wsdl:fault name="StandardMessageFault" message="tns:StandardMessageFault"/>
  </wsdl:operation>
</wsdl:portType>
<wsdl:binding type="tns:Tax_Juri_GetChangeList" name="CO_TAX_JURI_GET_CHANGE_LIST">
  <wsoap12:binding transport="http://schemas.xmlsoap.org/soap/http" style="document"/>
  <wsdl:operation name="Tax_Juri_GetChangList">
    <wsdl:input>
      <wsoap12:body use="literal"/>
    </wsdl:input>
    <wsdl:output>
      <wsoap12:body use="literal"/>
    </wsdl:output>
    <wsdl:fault name="StandardMessageFault">
      <wsoap12:fault name="StandardMessageFault" use="literal"/>
    </wsdl:fault>
  </wsdl:operation>
</wsdl:binding>
</wsdl:definitions>

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