

ONESOURCE™ CONTENT EXTRACT

DEVELOPER GUIDE

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Document Version 2

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Document History

VERSION NUMBER	VERSION DATE	SUMMARY
1	04/06/2018	Initial release
v1	September 2020	This is a copy of the original release that had to be recreated because the original source was a corrupted file.
v2	November 2020	Updates throughout the document, including a new section, Extract Status API.

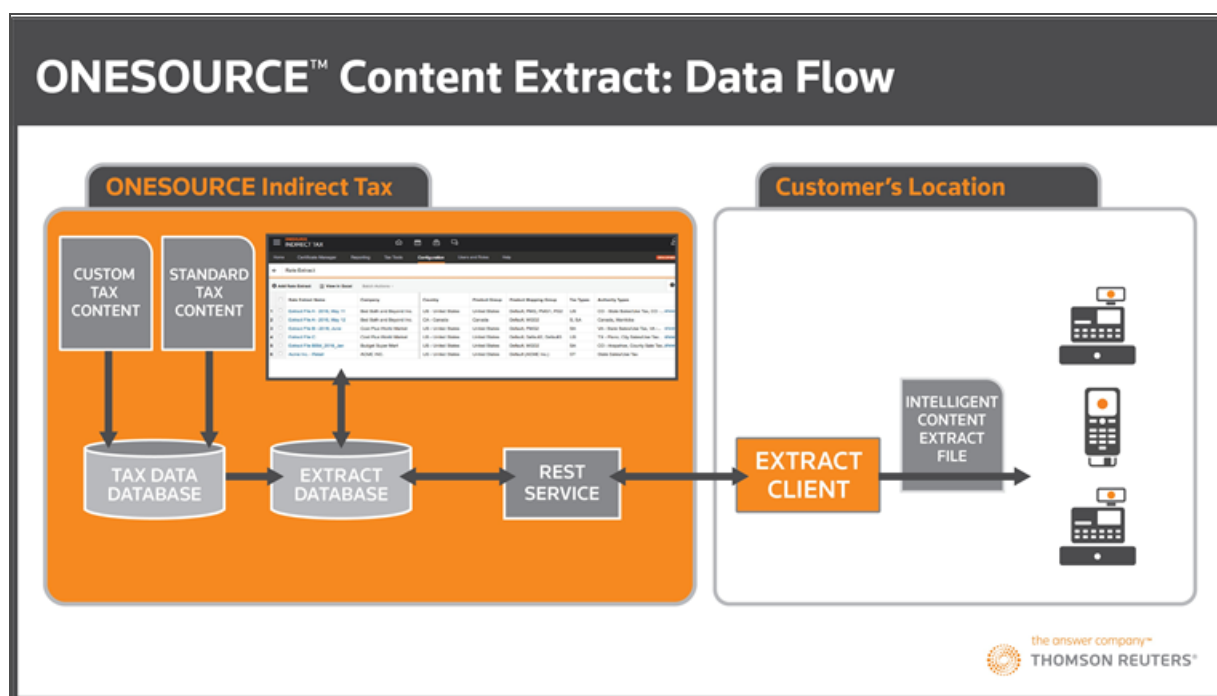
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INTRODUCTION

With ONESOURCE Content Extract, you can generate customized rate files for indirect taxes based on your company's tax policy. Get the exact tax rate and fee information you need, formatted and organized to your specifications, for use with retail point of sale systems, legacy systems that lack integration capability, cloud solutions that don't allow real-time integration, or any other system or routine requiring file-based tax rate information.



In this guide, you will find the information you need to build a custom integration to the ONESOURCE Content Extract.

CONTENT EXTRACT OVERVIEW

The ONESOURCE Content Extract is made up of multiple components as described in the table below:

COMPONENT	DESCRIPTION
ONESOURCE Indirect Tax configuration	The data you receive in the Content Extract is relevant to your organization's tax policy as it is configured in ONESOURCE Indirect Tax.

COMPONENT	DESCRIPTION
ONESOURCE Content Extract definition	In ONESOURCE Indirect Tax, you configure one or more Content Extracts, where you select jurisdictions, tax types, authorities, and other extract settings.
Content staging system	Based on ONESOURCE Content updates, your Indirect Tax configuration, and your extract definitions, a staging system is updated regularly with all the data necessary to generate your extracts.  You don't access this system directly to get your extract data. Instead, you interact with the REST service.
Content Extract REST service	When you have configured your tax policy and Content Extract definitions in ONESOURCE Indirect Tax, and you are ready to generate extract files, you will use the REST service to get Content Extract data.
Content Extract client	Your custom client that interacts with the REST service to generate extract files.
Extract files	The files generated by your client, formatted and organized for use with your financial system.  Typically, your first file contains all your content as of the time it is generated, and each subsequent file contains only a delta since your previous file generation.

STYLE CONVENTIONS

We use the following special formatting throughout this guide:

Bold text indicates most user interface elements, such as:

- Data you are expected to enter, such as in a text field
- Pages, buttons, tabs, and field names
- Dialog boxes, drop-down lists, selections within lists, and check box titles
- Windows
- Menu items

Italic text indicates the following:

- File and folder names
- Java classes, PL/SQL objects and executable files
- Document titles

CAPITAL text indicates keyboard commands, such as ENTER, or database components.

`Courier` text indicates command-line input/output.

<brackets> indicate user entry. For example, <host> indicates you should replace the text and angle brackets with your server name.

Book titles are shown in italics and sections within a book are in quotation marks, such as “Starting the Installation” in the *ONESOURCE Indirect Tax Content Extract Installation Guide*.



This pencil symbol indicates suggestions or additional information.



This warning symbol indicates important text that you should review before proceeding.

GETTING STARTED

URL STRUCTURE

You can get the base URLs for each environment you will access from Professional Services. The endpoint URL is structured as follows:

```
/services/rest/taxtreatments/company/:companyName/extractName/:extractName?loadMethod=:loadMethod
```

AUTHENTICATION

The Content Extract API uses Basic authentication using a username:password combination. Your development tool sends this to the services in base64 encoding.

Get your API credentials from Professional Services.

EXAMPLE REQUEST

```
1 curl -X GET -basic -u 'testuser:testuserpassword' \  
2 https://onesource-idt-cre-uat-  
ws.hostedtax.thomsonreuters.com/services/rest/taxtreatments/  
company/testCompany/extractName/testExtractName?loadMethod=F
```



If you use cURL in Windows, you may have to remove the line breaks and the backslashes used to escape them as well as replace the single quotes with double quotes around the Authorization header parameter

CONFIGURING INDIRECT TAX

Content Extract data is customized to your business using a combination of your tax policy configuration and an extract definition, all configured in ONESOURCE Indirect Tax. The following topics explain how your Indirect Tax configurations affect your Content Extract results.

Tax Policy	5
Extract Definition	5

TAX POLICY

The following table describes how each area of your tax policy configuration affects the outcome of your Content Extract results:

NAME	NOTES
Companies	An extract contains tax treatment information for a single Indirect Tax company. You can create extract definitions for more than one company, and each company can have more than one extract definition.
Companies Mappings	An extract contains tax treatment information for every standard or conditional mapping from a single product group.
Tax Jurisdictions	An extract only contains tax treatment information for locations within tax jurisdictions where you are configured to collect tax with establishment (nexus) and/or registrations.
Locations	An extract contains tax treatment information for every location configured for your company where there is at least one applicable tax type and at least one applicable authority type.

EXTRACT DEFINITION

An extract definition controls the type of information your extract contains. Each definition belongs to a single company and is representative of that company's tax policy configuration. Each company can have multiple extract definitions.

What data your extract includes and how that data is grouped and organized depends primarily on your extract definition. You must create and configure your definition before you can make a call to the Content Extract REST service. To create and manage extract definitions, log on to ONESOURCE Indirect Tax, and then select Tools > Tax Tools > Extract. For information on creating and managing extract definitions, refer to the topic "Content Extract Configuration" in Indirect Tax Help.

TAX TREATMENT API

Retrieve a complete or incremental content extract as configured by your extract definition in ONESOURCE Indirect Tax.

GET

/taxtreatments/company/{companyName}/extractName/{extractName}?loadMethod={loadMethod}



The Tax Treatments API for the ONESOURCE Content Extract only supports the GET method. Before you can get data, you must configure tax policy and extract definitions in ONESOURCE Indirect Tax.

Parameters

PATH PARAMETERS			
Parameter	Occurrence	Description	Type
{companyName}	Required	The name the ONESOURCE Indirect Tax company containing the extract definition and tax policy configuration for the data you want to get	String
{extractName}	Required	The name of the extract definition for the data you want to get	String

PATH PARAMETERS			
Parameter	Occurrence	Description	Type
loadMethod	Required	Specifies if the load is the be the full data set (FULL) or a delta file (UPDATE)  UPDATE method is deprecated and no longer support by content extract.	String

PATH PARAMETERS			
contentVersion	Optional	The value of the contentVersion from the response of your most recent, previous extract This limits the data returned to only the changes since that previous request. Default is no value, which returns a complete extract according to your extract definition.  This parameter is no longer valid as an updated method and has been deprecated.	Integer

REQUEST EXAMPLES

Example 1

Usage Retrieve a full content extract for the extract definition named PointOfSale configured under the ONESOURCE Indirect Tax Company named MyCompany.

URL <https://onesource-idt-cre-amerws.>

hostedtax.thomsonreuters.com/services/rest

[/services/rest/taxtreatments/company/MyCompany/extractName/PointOfSale?loadMethod=FULL](#)

Example 2

Usage For the extract definition named PointOfSale configured under the ONESOURCE Indirect Tax Company named MyCompany, retrieve a content extract containing changes since your previous extract that had a content version of 32 in the response.

URL <https://onesource-idt-cre-amerws.hostedtax.thomsonreuters.com/services/rest>

[/services/rest/taxtreatments/company/](#)

MyCompany/extractName/PointOfSale?loadMethod=UPDATE&contentVersion=32



UPDATE is no longer supported by Content Extract.

RESPONSE FIELD DEFINITIONS

The following table describes each item that may show up in your response. The type of content included in your response depends on your extract definition.

RESPONSE	DESCRIPTION	DATA TYPE
extractData	The date and time the extract was generated Includes year, month, day, hour, minute, seconds, milliseconds	Array of integers
companyName	The name of the company that owns the definition for this extract	String (100)
extractName	The name of this extract as specified in the definition	String (100)
ContentVersion	The content version for this extract	Integer
groupingRule	The grouping rule as specified in the extract definition.	String (20)
loadMethod	The type of load generated. Possible values are: • FULL for a complete data set • UPDATE for a delta file	String (20)
taxDataProvider	Content Extract is providing the content version. The field has two sub-elements to provide US and INTL tax data versions.	Array
taxDataProvider/taxDataProvider	The tax data provider – US or International	String (100)

RESPONSE	DESCRIPTION	DATA TYPE
taxDataProvider/version	The content version of the tax data provider	String (100)
locations	A group of one or more locations based on a physical address, which may contain one or more stores	Array
locations/locationKey	The unique identifier for this location	String (100)
locations/name	The name of this location	String (100)
locations/notes	Notes for this location	String (240)
locations/addressKey	The unique identifier for the address of this location	String (100)
locations/changeType	The type of change for this location	String
addresses	A group of addresses as defined in Indirect Tax	Array
addresses/addressKey	The unique identifier for this address	String (100)
addresses/jurisdictionKey	The unique identifier for the jurisdiction connection to this address	String (100)
addresses/country	The country for this address	String (50)
addresses/state	The state for this address	String (50)
addresses/province	The province for this address	String (50)
addresses/county	The county for this address	String (50)

RESPONSE	DESCRIPTION	DATA TYPE
addresses/district	The district for this address	String (50)
addresses/city	The city for this address	String (50)
addresses/postalRange	A range of postal codes used for this address  The postalRange field and the postalCode/geocode field pair are mutually exclusive.	Array
addresses/postalRange/begin	The beginning value for a range of postal codes	String (60)
addresses/postalRange/end	The ending value for a range of postal codes	String (60)
addresses/postalCode	The postal code used for this address  The postalRange field and the postalCode/geocode field pair are mutually exclusive.	String (60)
addresses/geocode	The geocode used for this location, also known as the "plus four" of a postal code  The postalRange field and the postalCode/geocode field pair are mutually exclusive.	String (30)
addresses/changeType	The type of change for this address See Change Type Field page (19) for details.	String
products	A group of one or more products	Array
products/name	The name of this product This is based on the Product Code value configured for mappings in Indirect Tax.	String (100)

RESPONSE	DESCRIPTION	DATA TYPE
products/productKey	The unique identifier for this product	String (100)
products/effectiveDate	The date range for which this product is valid	Object
products/effectiveDate/from	The start date for effectiveDate The from field is returned as an array containing the year, month, day, hour, and minute.	Array
products/effectiveDate/to	The end date for effectiveDate The to field is returned as an array containing the year, month, day, hour, and minute.	Array
products/changeType	The type of change for this product. See Change Type Field page (19) for details.	String
products/productCategory	The name of the product category associated with this product	String (100)
products/productCategoryKey	The unique identifier for this product category	String (100)
products/description	The product category description associated with this product	String (100)
products/productGroupName	The name of the product group or classification for which the product mapping has been created in Indirect tax	String (100)
products/productMapGroupCompanyName	The company for which the product mappings have been created in Indirect Tax	String (100)
products/productMapGroupName	The group which holds all the product mappings	String (100)
extractAuthorities	A group of one or more authorities	Array

RESPONSE	DESCRIPTION	DATA TYPE
extractAuthorities/authorityKey	The unique identifier for this authority	String (100)
extractAuthorities/authorityName	The name of this authority	String (100)
extractAuthorities/authorityType	The authority type for this authority	String (100)
extractAuthorities/changeType	The type of change for this authority See Change Type Field page (19) for details.	String
jurisdictions	A group of one or more jurisdictions	Array
jurisdictions/jurisdictionKey	The unique identifier for this jurisdiction	String (100)
jurisdictions/changeType	The type of change for this jurisdiction See Change Type Field page (19) for details.	String
jurisdictionAuthorities	A group of one or more jurisdiction authority mappings Use this to match one or more authorities to the jurisdictions to which they apply.	Array
jurisdictionAuthorities/jurisdictionKey	The unique identifier for the jurisdiction in this jurisdiction authority mapping	String (100)
jurisdictionAuthorities/authorityKey	The identifier for the authority in this jurisdiction authority mapping	String (100)
jurisdictionAuthorities/changeType	The type of change for this jurisdiction authority See Change Type Field page (19) for details.	String

RESPONSE	DESCRIPTION	DATA TYPE
treatments	A group of one or more tax treatments  A tax treatment contains only one of the following types of tax liability: • Rate • Fee • Split Rate • Split Fee Only fields for the applicable liability type are populated—the other types remain null.	Array
treatments/displayName	The display name for this tax treatment This is derived from either ONESOURCE Content or your extract definition configurations using the following order of precedence: 1. Authority Name exceptions specified in the Extract 2. Invoice Description specified on the Authority Rule 3. Invoice Description specified on the Authority 4. Default Display Name as specified in the Extract	String (100)
treatments/treatmentKey	The unique identifier for this tax treatment	String (100)
treatments/calculationMethod	The Calculation Method that is used to calculate the tax result, for example, Tax on Gross Amount	String
treatments/basisPercent	The basis percentage of the gross amount to be used for tax calculation	Decimal (31, 10)

RESPONSE	DESCRIPTION	DATA TYPE
treatments/maxAmount	The maximum tax that can be charged for the product	Decimal (31, 10)
treatments/rate	The tax rate for this tax treatment Values are returned in decimal form, for example, a tax rate of 6.25% returns as 0.0625.  Rates, fees, split rates, and split fees are mutually exclusive.	Decimal (31, 10)
treatments/fee	The fee for this tax treatment  Rates, fees, split rates, and split fees are mutually exclusive.	Decimal (31, 10)
treatments/splitType	The type of split for this tax treatment. Possible values are: • T for Texas City/County Max Tax • G for Graduated • R for Tiered	String (100)
treatments/splitAmountType	The type of amount used to determine which liability to apply from a split rate or split fee Possible values are: • L for Line Amount • I for Invoice • T for Item amount • Q for Quality • P for Invoice Amount By Rule	String (100)
treatments/extractTierList	A group of two or more treatments for this split rate or split fee	Array

RESPONSE	DESCRIPTION	DATA TYPE
treatments/extractTierList/treatmentKey	The unique identifier for the treatment associated with this split rate or split fee The extractTreatments/extractTierList/order field paired with the extractTreatments/extractTierList/treatmentKey field makes up the unique identifier for this split rate or split fee	String (100)
treatments/extractTierList/order	The order in which this split rate or split fee should be evaluated for applicability The extractTreatments/extractTierList/order field paired with the extractTreatments/extractTierList/treatmentKey field makes up the unique identifier for this split rate or split fee.	Integer
treatments/extractTierList/lowValue	The beginning of the threshold for this split rate or split fee	Decimal (31,5)
treatments/extractTierList/highValue	The end of the threshold for this split rate or split fee:  The last split rate or split fee object may not have a highValue.	Decimal (31,5)
treatments/extractTierList/rate	The tax rate for this split rate object Values are returned in decimal form, for example, a tax rate of 6.25% returns as 0.0625.  Rates, fees, split rates, and split fees are mutually exclusive.	Decimal (31,10)
treatments/extractTierList/fee	The fee for this split fee object  Rates, fees, split rates, and split fees are mutually exclusive.	Decimal (31,10)

RESPONSE	DESCRIPTION	DATA TYPE
treatments/changeType	The type of change for this tax treatment See Change Type Field page (19) for details.	String
jurisdictionTreatmentMappings	A group of one or more mappings between a jurisdiction and a treatment group	Array
jurisdictionTreatmentMappings/key	The unique identifier for this jurisdiction treatment mapping	String (100)
jurisdictionTreatmentMappings/productKey	The unique identifier for the product that applies to this jurisdiction treatment mapping	String (100)
jurisdictionTreatmentMappings/jurisdictionKey	The unique identifier for the jurisdiction that applies to this jurisdiction treatment mapping.	String (100)
jurisdictionTreatmentMappings/taxType	The abbreviated code for the tax type that applies to this jurisdiction treatment mapping See Tax Type Quick Reference page (32) to match tax type codes with their fill names.	String (100)
jurisdictionTreatmentMappings/treatmentGroupKey	The unique identifier for the treatment group that applies to this jurisdiction treatment mapping	String (100)
jurisdictionTreatmentMappings/effectiveDate	The date range for which this jurisdiction treatment mapping is valid	Object
jurisdictionTreatmentMappings/effectiveDate/from	The start date for effectiveDate The from field is returned as an array containing the year, month, day, hour, and minute	Array
jurisdictionTreatmentMappings/effectiveDate/to	The end date for effectiveDate The from field is returned as an array containing the year, month, day, hour, and minute.	Array

RESPONSE	DESCRIPTION	DATA TYPE
jurisdictionTreatmentMappings/changeType	The type of change for this jurisdiction treatment mapping See Change Type Field page (19) for details.	String
authorityTreatmentMappings	A group of one or more mappings between an authority and a treatment group	Array
authorityTreatmentMappings/key	The unique identifier for this authority treatment mapping	String (100)
authorityTreatmentMappings/productKey	The unique identifier for the product that applies to this authority treatment mapping	String (100)
authorityTreatmentMappings/authorityKey	The unique identifier for the authority that applies to this authority treatment mapping	String (100)
authorityTreatmentMappings/taxType	The abbreviated code for the tax type that applies to this jurisdiction treatment mapping See Tax Type Quick Reference page (32) to match tax type codes with their full names.	String (100)
authorityTreatmentMappings/treatmentKey	The unique identifier for the treatment that applies to this authority treatment mapping	String (100)
authorityTreatmentMappings/effectiveDate	The date range for which this authority treatment mapping is valid	Object
authorityTreatmentMappings/effectiveDate/from	The start date for effectiveDate. The from field is returned as an array containing the year, month, day, hour, and minute.	Array
authorityTreatmentMappings/effectiveDate/to	The end date for effectiveDate The to field is returned as an array containing the year, month, day, hour, and minute.	Array

RESPONSE	DESCRIPTION	DATA TYPE
authorityTreatmentMappings/changeType	The type of change for this authority treatment mapping See Change Type Field page (19) for details.	String
treatmentGroups	A group of one or more treatment groups	Array
treatmentGroups/key	The unique identifier for this treatment group	String (100)
authorityTreatmentMappings/changeType	The type of change for this treatment group See Change Type Field page (19) for details.	String
treatmentGroupTreatments	A group of one or more treatment group treatment collections Use this to match tax treatments to treatment groups. A treatment group may contain one or more tax treatments, and a treatment may belong to one or more treatment groups.	Array
treatmentGroupTreatments/key	The unique identifier for this treatment group treatments collection	String (100)
treatmentGroupTreatments/ treatmentGroupKey	The unique identifier for the treatment group that applies to this treatment group treatments collection	String (100)
treatmentGroupTreatments/treatmentKeys	A list of treatments that belong to the treatment group identified in this treatment group treatment collection	Array
treatmentGroupTreatments/changeType	The type of change for this treatment group treatments collection See Change Type Field page (19) for details.	String

CHANGE TYPE FIELD

The changeType field is only included in updates. Possible values are **I** for Insert or **D** for Delete.



For records with a `changeType` of **I**, you must determine whether to create a new entry or update an existing entry in your destination system.

UNDERSTANDING THE RESULTS

This section provides key information about the relationship between your Indirect Tax configurations and the contents of your extract file. A few examples are used to convey general concepts, but this is not exhaustive. For a complete list of response fields and their descriptions, see [Response Field Definitions page \(9\)](#).

RELATIONAL MODULES

Tax Treatment Information from your extract is organized into several modules correlated using numeric keys. The following explains how each top-level module relates to each other.

LOCATIONS

Each location is an abstract representation of a geographical area grouped at the level (State, city, zip, etc.) specified in your extract definition.



Locations may contain stores, addresses, or both depending on your extract definition.

Connections to other modules:

MODULE FIELD NAME	KEY FIELD NAME
jurisdictions	jurisdictionKey

Example

```
"Locations ": [  
  {  
    "locationKey": "4840545283062261747",  
    "jurisdictionKey": "2996218001137048134",  
    "country": "UNITED STATES",  
    "state": "MASSACHUSETTS",  
    "province": null,  
    "county": null,  
  }  
]
```

```
    "district": null,
    "city": "BOSTON",
    "postalRange": {
      "begin": null,
      "end": null
    },
    "postalCode": "02115",
    "geocode": null,
    "Stores": [
      {
        "storeKey": "-1626047656220610251",
        "name": "4013",
        "notes": "boston store"
      }
    ],
    "changeType": "I"
  }
],
```

PRODUCTS

The extract contains an entry in the products module for each mapping configured for the product group you select in your extract definition.

Connections to other modules:

MODULE FIELD NAME	KEY FIELD NAME
jurisdictionTreatmentMappings	productKey
authorityTreatmentMappings	productKey

Example:

```
"Products": [  
  {  
    "name": "GW33",  
    "productKey": "-1005371892672999408",  
    "effectiveDate": {  
      "from": [  
        2000,  
        1,  
        1,  
        0,  
        0  
      ],  
      "to": null  
    },  
    "changeType": "I"  
  }  
],
```

AUTHORITIES

The authorities module contains basic information about applicable taxing authorities from ONESOURCE Content.

Connections to other modules:

MODULE FIELD NAME	KEY FIELD NAME
jurisdictionAuthorities	authorityKey
jurisdictionTreatmentMappings	authorityKey

Example:

```
"Authorities": [
  {
    "authorityKey": "1846597976802543968",
    "authorityName": "MA - STATE SALES/USE TAX",
    "authorityType": "State Sales/Use",
    "changeType": "I"
  }
],
```

JURISDICTIONS

The jurisdictions module simply assigns a key to each jurisdiction. A jurisdiction can contain one or more authorities, which are associated in the jurisdiction authorities module.

Example:

```
"Jurisdictions": [
  {
    "jurisdictionKey": "2996218001137048134", "changeType": "I"
  }
],
```

```
}  
],
```

JURISDICTION AUTHORITIES

Each location maps to a single jurisdiction, which maps to one or more authorities using the `jurisdictionAuthorities` module.

Connections to other modules:

MODULE FIELD NAME	KEY FIELD NAME
locations	jurisdictionKey
authorities	authorityKey

Example:

```
"JurisdictionAuthorities": [  
  {  
    "jurisdictionKey": "2996218001137048134",  
    "authorityKey": "1846597976802543968",  
    "changeType": "I"  
  }  
],
```

TREATMENTS

The tax treatments module contains a unique list of possible tax treatments that apply to the jurisdictions in your extract. A treatment describes the tax liability to apply to a transaction as one of the following liability types:

- Tax rate
- Fee amount

- Set of tax rates split into tiers
- Set of fee amounts splits into tiers

Example:

```
"Treatments": [
  {
    "displayName": "Sales Tax", "treatmentKey": "7797239781015564068",
    "rate": 0.05,
    "fee": null, "splitType": null, "splitAmountType": null, "TierList":
[],
    "changeType": "I"
  },
  ],
```

JURISDICTION TREATMENT MAPPINGS

Jurisdiction treatment mappings is one of two modules you can use to put together an applicable tax treatment for a transaction. Entries in this module include a tax type and effective date, and keys mapping to a product, a jurisdiction, and a treatment group.

Use jurisdiction treatment mappings when grouping results tax type. See Grouping Results (page 30) for more information.

Connections to other modules:

MODULE FIELD NAME	KEY FIELD NAME
products	productKey
jurisdictions	jurisdictionKey
treatmentGroupTreatments	treatmentGroupKey

Example:

```
"JurisdictionTreatmentMappings": [
```

```
{
  "key": "5846475653396288109",
  "productKey": "-1005371892672999408",
  "jurisdictionKey": "2996218001137048134",
  "taxType": "SA",
  "treatmentGroupKey": "7797239781015567068",
  "effectiveDate": {
    "from": [
      2006,
      9,
      15,
      0,
      0
    ],
    "to": [
      2007,
      7,
      31,
      0,
      0
    ]
  },
  "changeType": "I"
},
```

Authority treatment mappings is one of two modules you can use to put together an applicable tax treatment for a transaction. Entries in this module include a tax type and effective date, and keys mapping to a product, a jurisdiction, and a treatment group.

Connections to other modules:

Example:

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```
0
],
"to": [
2007,
7,
31,
0,
0
],
},
"changeType": "I"
},
```

TREATMENT GROUPS

Treatment groups are used for cases where certain authorities require a separate statement of a rate or fee on receipts. Use the treatment group treatments module to connect treatments for these scenarios with authorities and/or jurisdictions.

Example:

```
"TreatmentGroups": [
{
"key": "7797239781015567068",
"changeType": "I"
},
```

TREATMENT GROUP TREATMENTS

The treatment group treatments module contains lists of treatments belonging to treatment groups.

Connections to other modules:

MODULE FIELD NAME	KEY FIELD NAME
treatmentGroups	treatmentGroupKey
treatments	treatmentKeys

Example:

```
"TreatmentGroupTreatments": [  
  {  
    "key": "-1046796659010140565",  
    "treatmentGroupKey": "7797239781015567068",  
    "treatmentKeys": [  
      "7797239781015564068"  
    ],  
    "changeType": "I"  
  },  
]
```

GROUPING RESULTS

The grouping rule you select for your extract definition determines how your results are summarized. You have three options as described in the table below:

GROUPING RULE	DESCRIPTION
Authority	Returns treatment information grouped by each applicable authority. For example, MA - STATE SALES/USE TAX represents the Massachusetts state sales & use tax authority.
Authority Type	Returns treatment information grouped by each applicable authority type. For example, State Sales/Use, City Food/Beverage, VAT, etc.  Authority types returned are limited to those you select for your definition.
Tax Type	Returns treatment information grouped by a single tax type. For example, Sales, Consumer Use, Zero Rate, etc.  Tax types returned are limited to those you select for your definition.

TAX TYPE QUICK REFERENCE

The table below shows supported tax types and their associated codes

CODE	DESCRIPTION
BO	Business and Occupation
CA	Custom Authority
CA1	Custom Authority (1)
CU	Consumer Use
EXC	Excise
GR	Gross Receipts
IC	Intra-Company
IM	Import
LT	License
MVT	Movement
NL	No Liability
RC	Reverse Charge
RU	Rental Use
RS	Rental
S	Standard
SA	Sales
SC	Surcharge
STK	Stock
SV	Service
UN	Unregistered Seller

CODE	DESCRIPTION
US	Use
UU	Utility Users
VG	VAT Groups
ZE	Zero Rate Export
ZR	Zero Rate

EXTRACT STATUS API

Get the current status of an extract configured. The API provides the staging status of the extract.

URL STRUCTURE

You can get the base URLs for each environment you will access from Professional Services. The endpoint URL is structured as follows:

/services/rest/contentExtractStatus /company/:companyName/extractName/:extractName

AUTHENTICATION

The Content Extract API uses Basic authentication using a username:password combination. Your development tool sends this to the services in base64 encoding.

Get your API credentials from Professional Services.

GET

/contentExtractStaus/company/{companyName}/extractName/{extractName}



The content extract status API for the ONESOURCE Content Extract only supports the GET method. Before you can get data, you must configure tax policy and extract definitions in ONESOURCE Indirect Tax.

Parameters

PATH PARAMETERS			
Parameter	Occurrence	Description	Type
{companyName}	Required	The name the ONESOURCE Indirect Tax company containing the extract definition and tax policy configuration for the data you want to get.	String
{extractName}	Required	The extract for which you need the status.	String

EXAMPLE REQUEST

```
1 curl --user username:password https://cre-api-  
2 uat.onesourcetax.com/services/rest/contentExtractStatus/  
company/companyName/extractName/extractName
```

REQUEST EXAMPLES

Example

Usage Get the status of an extract named PointOfSale configured under the ONESOURCE Indirect Tax Company named MyCompany.

URL https://cre-api-uat.onesourcetax.com/services/rest

/contentExtractStatus/company/MyCompany/extractName/PointOfSale

RESPONSE FIELD DEFINITIONS

The following table describes each item that may show up in your response.

RESPONSE	DESCRIPTION	DATA TYPE
extractStatusDate	The date and time the extract was requested Includes year, month, day, hour, minute, seconds, milliseconds	Array of integers
companyName	The name of the company that owns the definition for this extract	String (100)
extractName	The name of this extract as specified in the definition	String (100)
contentBeginDate	The start date of the content	Integer
contentVersion	The current content version of the extract	Integer
groupingRule	The grouping rule used in the extract	String (100)

RESPONSE	DESCRIPTION	DATA TYPE
taxDataProvider	The same taxDataProvider info that's being returned with the taxtreatments service	String (100)
stagingStartDate	The start date and time of the staging process	Array of integers
stagingEndDate	The end date and time of the staging process	Array of integers
Status	Completion status of the extract	String (100)
Message	Message from the latest execution	String (100)

RESPONSE EXAMPLES

Example

```

1  { "extractStatusDate":
2    [2020,8,24,19,4,43,633000000], "companyName":
  "MyCompany", "extractName": "PointOfSale", "contentBeginDate"
  [2019,7,24,0,0], "contentVersion": 1, "groupingRule": "authority
  ", "stagingStartDate": [2020,8,20,17,41,16], "stagingEndDate":
  [2020,8,20,17,41,16], "status": "COMPLETE" }
```