

THOMSON REUTERS OPEN PERMID

RELEASE NOTES

VERSION R2.0



Contents

New and Enhanced Features	1
Access to People Data (New)	2
New and Enhanced PermID.org Pages	3
Using the Entity Lookup API to Retrieve Person Data (New)	8
Support for LEI Codes (New)	18
Known Issues	19
Coming Soon!	20
Entity Lookup API Response Examples – Turtle (ttl) Format	21
Person Example	22
Officership Example	25
Directorship Example	26
AcademicQualification Example	27
TenureInOrganization Example	28
DirectorRole Example	29
OfficerRole Example	30
Degree Example	31
Major Example	32

New and Enhanced Features

This release includes the following new features and enhancements:

- [Access to People data](#) from the Thomson Reuters **Officers and Directors** data set (New)
Access to People data is via [new and enhanced PermID.org pages](#), and the enhanced [Entity Lookup API](#).
- [Support for LEI codes \(New\)](#): Entity Search now supports LEI codes.
- The RIC is now included in the Equity Quote API response and in the Entity Quote bulk file as well. (Prior to this release, the RIC field was exposed only in the Open PermID UI.)
- [Calais Viewer](#): View Calais Tagging in action with the new Calais Viewer. Powered by Calais metadata tagging and a friendly user interface, the viewer makes it easy to instantly tag any document, with no need for programming. Tagging results are organized and displayed for easy access. A rich feature set lets you easily drill down on individual tags: select an extracted entity to highlight the related text strings in the document; hover over an entity to view the tag attributes; click an entity's PermID icon to view linked data. You can also view the underlying RDF output file.

On the PermID.org home page, click **Tag** to launch the viewer.

Access to People Data (New)

This release supports access to People data from the Thomson Reuters **Officers and Directors** data set.

Currently you can retrieve People data in two ways:

- Via the [new and enhanced PermID.org pages](#)
- Using the [Entity Lookup API](#)

(Record Matching and Search do not yet support the Person entity.)

Note: Although Person data is now exposed through both PermID.org pages and the Entity Lookup API, the PermID pages and the API objects do not necessarily correspond to one another. Some PermID.org pages may display fields from multiple API objects. Not all of the new API objects have a dedicated PermID.org page.

New and Enhanced PermID.org Pages

PermID.org exposes People data on the following pages:

- [Organization page \(Enhanced\)](#) Now exposes *Officers and Directors* details.
- [Person page \(New\)](#)
- [Position Metadata Details page \(New\)](#)
- [Education Metadata Details page \(New\)](#)

Organization Page (Enhanced)

The enhanced Organization Page now links organizations to their Officers and Directors, and also exposes details about the Officers and Directors.

You can click hyperlinks to navigate from an Organization page to a related Person page and vice versa.

In addition, you can click a Position displayed in the Organization page to navigate to the [Position Metadata Details page](#), where the position rank is displayed.

The screenshot displays the Thomson Reuters Open PermID interface for Microsoft Corp. The page is organized into several sections:

- Organization Details:** Lists key information such as PermID (422507188), Public status (Yes), Status (Active), Inactive Date (Login required), IPO Date (13 Mar, 1985), Latest Date of Incorporation (22 Sep, 1983), LEI (BFCG838ANW5292518), Primary Industry (Login required), Primary Business Sector (Login required), Primary Economic Sector (Login required), Domesticated In (United States), Incorporated In (United States), Website (http://www.microsoft.com/en-us/?ref=lna), HQ Address (Login required), HQ Phone (Login required), Registered Address (Login required), and Registered Phone (Login required).
- Primary Instrument:** Shows Microsoft Ord Sta and Ordinary Shares.
- Primary Quote:** Lists RIC (MSF 1.00), Ticker (MSF F), MIC (XNGS), and Exchange (NSM).
- Officers & Directors Details:** A table listing key executives, highlighted with a red box in the image.

Name	Position	Title	Start Date
John Wendell Thompson	Chairman	Independent Chairman of the Board	2014
Draftford Lee Smith	President	President, Chief Legal Officer	2015
Salya Nelske	Chief Executive Officer	Chief Executive Officer, Director	2014
William (Bill) Henry Gates III	Founder	Founder and Technology Advisor, Director	2014
Amy E. Hood	Chief Financial Officer	Chief Financial Officer, Executive Vice President	2013
Margaret (Meggy) L. Johnson	Executive Vice President	Executive Vice President - Business Development	2014
Christopher C. Caposella	Executive Vice President	Executive Vice President, Chief Marketing Officer	2014
Amy E. Hood	Executive Vice President	Chief Financial Officer, Executive Vice President	2013

Person Page (New)

This version introduces a new page for the Person entity, which exposes People data from the Thomson Reuters Officers and Directors data set.

The Person page exposes details about the person, about the officer and director positions they've held, and about their education.

Access a Person page directly or via an Organization page:

- Directly: Append the PermID.org site URL with a Person PermID. For example: <https://permid.org/1-34413262612>.
- Via an Organization page: Click a name displayed on an [Organization page](#).

Note: You can also [use the Entity Lookup API to retrieve person data](#).

The screenshot shows the Thomson Reuters Open PermID website interface. At the top, there is a navigation bar with links for Home, Entity Search, Record Matching, Tagging, API, Entity Download, What's new?, and Blog. A search bar is present with the text "Search for entity by name, \$okar or ric". Below the search bar, the profile for Satya Nadella is displayed, including his PermID URI: <https://qa.permid.org/1-34413262612>. The profile is divided into three main sections: Person Details, Professional Details, and Education Details.

Person Details

PermID	34413262612
Name Prefix	Mr.
First Name	Satya
Middle Name	N/A
Last Name	Nadella
Name Suffix	N/A
Gender	Male
Preferred Name	N/A
Year Of Birth	1967
Publication Status	Published

Professional Details

Position	Title	Organization	Period
Director	Chief Executive Officer, Director	Microsoft Corp	2014 - Current
Chief Executive Officer	Chief Executive Officer, Director	Microsoft Corp	2014 - Current
Executive Vice President	Executive Vice President - Cloud and Enterprise	Microsoft Corp	2013 - 2014
Independent Director	Independent Director	Riverbed Technology Inc	2013 - 2014
Corporate Executive	President - Server and Tools Business	Microsoft Corp	2011 - 2013

Education Details

Institution	Degree	Major	Period
University of Wisconsin - Milwaukee	N/A	Computer Science	N/A
Mangalore University	Bachelor's Degree	Electrical Engineering	N/A
University of Chicago	Master of Business Administration	Business Administration	N/A
University of Wisconsin, Milwaukee	Master's Degree	Computer Science	N/A

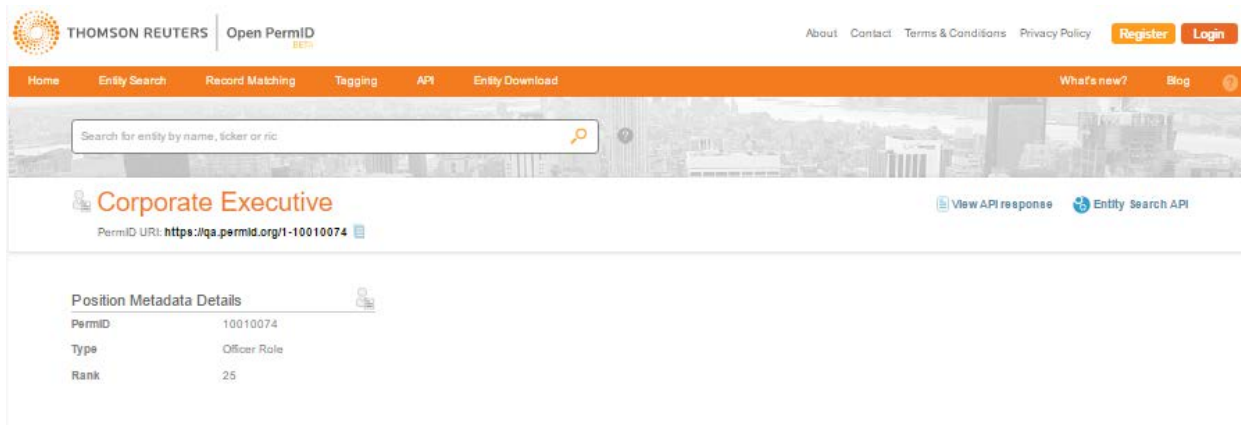
Note: From a Person page you can click an Organization, Position, Degree, or Major hyperlink to navigate to a related page.

Position Metadata Details Page (New)

The new Position Metadata Details page exposes metadata for director and officer roles.

Open a Position Metadata Details page by:

- Clicking a Position hyperlink on an [Organization page](#).
- Clicking a Position hyperlink on a [Person page](#).



The screenshot shows the Thomson Reuters Open PermiD website. The header includes the Thomson Reuters logo, the text "Open PermiD", and navigation links for "About", "Contact", "Terms & Conditions", "Privacy Policy", "Register", and "Login". Below the header is a navigation bar with links for "Home", "Entity Search", "Record Matching", "Tagging", "API", "Entity Download", "What's new?", and "Blog". A search bar is present with the placeholder text "Search for entity by name, ticker or ric". The main content area features a "Corporate Executive" section with a "PermiD URI: <https://qa.permid.org/1-10010074>". Below this is a "Position Metadata Details" section with a table:

Position Metadata Details	
PermiD	10010074
Type	Officer Role
Rank	25

Note that each position is ranked relative to other positions in the organization hierarchy with 1 being the highest possible ranking (Chairman). The rank provides another possibility for organizing data.

Education Metadata Details Page (New)

The new Education Metadata Details page currently exposes metadata for academic degrees and majors.

Open an Education Metadata Details page by:

- Clicking a Degree hyperlink on a [Person page](#).
- Clicking a Major hyperlink on a [Person page](#).

The screenshot shows the Open Permid website interface. At the top left is the Thomson Reuters logo and the text "THOMSON REUTERS | Open Permid". To the right are links for "About", "Contact", "Terms & Conditions", and "Privacy Policy", along with "Register" and "Login" buttons. Below this is a navigation bar with links for "Home", "Entity Search", "Record Matching", "Tagging", "API", "Entity Download", "What's new?", and "Blog". A search bar is present with the placeholder text "Search for entity by name, ticker or ric". The main content area displays "Computer Science" with a "View API response" button and an "Entity Search API" link. Below this, the Permid URI is shown as "https://ppe.permid.org/1-10010224".

Education Metadata Details	
Permid	10010224
Type	Major

Using the Entity Lookup API to Retrieve Person Data (New)

The Entity Lookup API now enables retrieving Person data from the Thomson Reuters Officers and Directors data sets, and from the linked professional and educational objects.

To retrieve Person data, form the Entity Lookup API request in the same way that you form any other Entity Lookup request. For details, see the API User Guide.

The API Response includes the following objects:

[Person](#)

[Officership](#)

[Directorship](#)

[AcademicQualification](#)

[TenureInOrganization](#)

Metadata Details Objects: [DirectorRole](#), [OfficerRole](#), [Degree](#), [Major](#)

The supported objects and fields are described in the following sections.

Please see the [Open PermID Terms and Conditions](#) for details about the openness of the objects and fields.

[API Response Examples](#)

Note: When you use the Entity Lookup API to look up a person, The API response includes the related Organizations. The Organization response is described in the Organization API Response section of the API User Guide.

Person

The Person object defines the fields described in the following table.

Also see the [API Response Examples](#).

Data Element	API Field Name	Example: Bill Gates
PermID	tr-common:hasPermId	"34413157709"^^xsd:string
Name Prefix	vcard:honorific-prefix	"Mr."^^xsd:string
First Name	vcard:given-name	"William"^^xsd:string
Middle Name	vcard:additional-name	"Henry"^^xsd:string
Last Name	vcard:family-name	"Gates"^^xsd:string
Name Suffix	vcard:honorific-suffix	"III"^^xsd:string
Gender	vcard:hasGender	vcard:male
Preferred Name	tr-vcard:preferred-name	"Bill"^^xsd:string
Birth Date	vcard:bday	"1955-10-28"^^xsd:string Note: Date can be: YMD, YM, or just Y
Publication Status	tr-common:hasPublicationStatus	tr-common:publicationstatuspublished Allowed values: <ul style="list-style-type: none"> • common:publicationStatusPublished • common:publicationStatusSuperseded • common:publicationStatusSuspended • common:publicationStatusObsolete
Professional Details	holdsPosition	<https://permid.org/2-0f855e5e30730331b76d8cebabe02cf61988210cb9cfd864e6024106e38e361d> , <https://permid.org/2-676e376e4e1578b411616c914550cfbdc81bf79f7fa9bd7175aa7d51cad1a8b0>

Data Element	API Field Name	Example: Bill Gates
Professional Details	hasTenureInOrganization	<https://permid.org/1-36433338969> , <https://permid.org/1-36436676814> , <https://permid.org/1-36435860395> , <https://permid.org/1-36433338968> ;
Education Details	hasQualification	<https://permid.org/1-37633753257> , <https://permid.org/1-37633753258> , <https://permid.org/1-37636250580> , <https://permid.org/1-37633753256> ;
Year of Death	tr-vcard:date-of-death	(Not relevant to the Bill Gates example) "2013-01-01"^^xsd:string

Officership

The Officership object provides information about a person's role as an officer, and is directly related to the person object.

Note that in PermID.org, Officership and Directorship data is displayed on the Person page, under the heading Professional Details, and on the Organization page, under the heading Officers and Directors Details.

The Officership and Directorship objects define the same fields, described below.

Data Element	API Field Name	Example: Bill Gates, Chairman of the Board
PermID	tr-common:hasPermID	"2-d7f559436ac66c86e8a610d9835df065ee23ef646b592ccc627450053db6814f"^^xsd:string ;
Title	tr-person:hasReportedTitle	"Chairman of the Board, Founder"^^xsd:string ;
Position Type	tr-person:hasPositionType	<https://permid.org/1-1000355594> ;
Start Date	common:from	"2011-04-01"^^xsd:date ;
End Date	common:to	"2014"^^xsd:gYear ;
Person	tr-person:hasHolder	<https://permid.org/1-34413157709> ;
Organization	person:isPositionIn	<https://permid.org/1-4296587836> .
Publication Status	tr-common:hasPublicationStatus	tr-common:publicationstatuspublished ; Allowed values: <ul style="list-style-type: none"> • common:publicationStatusPublished • common:publicationStatusSuperseded • common:publicationStatusSuspended • common:publicationStatusObsolete

[API Response Examples](#)

Directorship

The Directorship object provides information about a person's role as a director, and is directly related to the person object.

Note that in PermID.org, Officership and Directorship data is displayed on the Person page, under the heading Professional Details, and on the Organization page, under the heading Officers and Directors Details.

The Officership and Directorship objects define the same fields, described below.

Data Element	API Field Name	Example: Satya Nadella, Chief Executive Officer, Director
PermID	tr-common:hasPermID	"2-3814876eb1bf56c08f48df6d390d4d586fa22f938fd51e86fec1305b1b5e838e"^^xsd:string ;
Title	tr-person:hasReportedTitle	"Chief Executive Officer, Director"^^xsd:string ;
Position Type	tr-person:hasPositionType	<https://permid.org/1-10010134> ;
Start Date	common:from	"2014-02-04T00:00:00Z"^^xsd:dateTime ;
End Date	common:to	
Person	tr-person:hasHolder	<https://permid.org/1-34413262612> ;
Organization	person:isPositionIn	<https://permid.org/1-4295907168> .
Publication Status	tr-common:hasPublicationStatus	tr-common:publicationstatuspublished ; Allowed values: <ul style="list-style-type: none"> • common:publicationStatusPublished • common:publicationStatusSuperseded • common:publicationStatusSuspended • common:publicationStatusObsolete

[API Response Examples](#)

AcademicQualification

The AcademicQualification object provides information about a person's higher education and is directly related to the person object.

Note that in PermID.org, AcademicQualification data is displayed on the Person page, under the heading Education Details.

The AcademicQualification object defines the fields described in the following table.

Data Element	API Field Name	Example: 1-37633753256
Publication Status	common:hasPublicationStatus	tr-common:publicationstatuspublished ; Allowed values: <ul style="list-style-type: none">• common:publicationStatusPublished• common:publicationStatusSuperseded• common:publicationStatusSuspended• common:publicationStatusObsolete
Institution	person:fromInstitutionName	"University of Chicago"^^xsd:string ;
Major	person:inSubject	<https://permid.org/1-10010199> ;
Degree	person:withDegree	<https://permid.org/1-10010161> .
Period	common:from	(rarely maintained)
Period	common:to	(rarely maintained)

[API Response Examples](#)

TenureInOrganization

The TenureInOrganization object provides information about all the organizations the person worked for as an Officer or Director and is directly related to the person object.

Note that if a person held two officership roles in a single company, the API response includes a single TenureInOrganization object but two Officership objects.

The TenureInOrganization object defines the fields described in the following table.

Data Element	API Field Name	Example: Satya Nadella
PermID URI	tr-common:hasPermId	"36435860395"^^xsd:string ;
Period	tr-common:from	"2013-03-01T00:00:00Z"^^xsd:dateTime ;
Period	tr-common:to	"2014-02-25T00:00:00Z"^^xsd:dateTime ;
Person	tr-person:hasHolder	<https://permid.org/1-34413262612> ;
Organization	tr-person:isTenureIn	<https://permid.org/1-4295905882> .

[API Response Examples](#)

Metadata Details Objects

This release includes the following new metadata details objects:

- [DirectorRole](#)
- [OfficerRole](#)
- [Degree](#)
- [Major](#)

DirectorRole, OfficerRole

The **DirectorRole**, and **OfficerRole** objects define the same fields, described below.

Note that in PermID.org, DirectorRole and OfficerRole data is displayed on the Position Metadata Details page.

Data Element	API Field Name	Example: 1-10010137
PermID	tr-common:hasPermId	"10010137"^^xsd:string ;
Rank	tr-person:rank	"5"^^xsd:string ;
(Label)	skos:prefLabel	"Non-Executive Chairman"^^xsd:string ;

[API Response Examples](#)

Degree, Major

The **Degree** and **Major** objects define the same fields, described below.

Note that in PermID.org, Degree and Major data is displayed on the Education Metadata Details page.

Data Element	API Field Name	Example: 1-4295907168
PermID	tr-common:hasPermId	"1-10010148"^^xsd:string ;
(Label)	skos:prefLabel	"Bachelor's Degree"^^xsd:string .:

[API Response Examples](#)

Support for LEI Codes (New)

Entity Search now supports LEI (Legal Entity Identifier) codes. You can search for an Organization by LEI code.

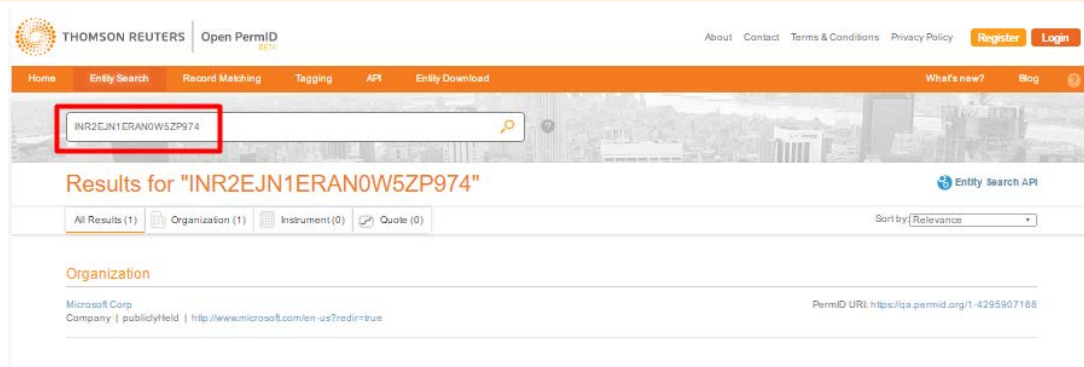
Note that in the TR data sets, the LEI code is included in the Organization Details.

When searching by LEI, you can use just the LEI or the LEI plus the prefix "lei:"

For example, to specify Microsoft Corporation,

Use just the LEI:

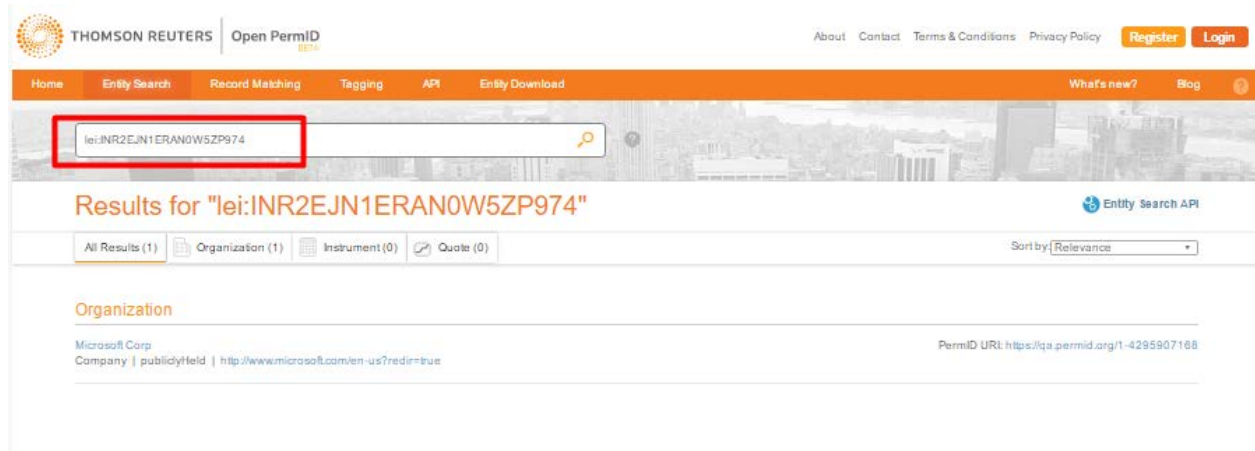
INR2EJN1ERANOW5ZP974



The screenshot shows the Thomson Reuters Open Permid search interface. The search bar contains the LEI code "INR2EJN1ERANOW5ZP974". The results section shows "Results for 'INR2EJN1ERANOW5ZP974'" with a filter for "Organization (1)". The organization details for Microsoft Corp are displayed, including the Permid URI: <https://qa.permid.org/1-4295907188>.

Or the LEI plus the prefix:

lei : INR2EJN1ERANOW5ZP974



The screenshot shows the Thomson Reuters Open Permid search interface. The search bar contains the LEI code with the prefix "lei:INR2EJN1ERANOW5ZP974". The results section shows "Results for 'lei:INR2EJN1ERANOW5ZP974'" with a filter for "Organization (1)". The organization details for Microsoft Corp are displayed, including the Permid URI: <https://qa.permid.org/1-4295907188>.

For detailed information about the Legal Entity Identifier, see <https://www.leiroc.org>.

Known Issues

- The Organization Bulk file is missing the LEI field.
- **Date Fields:** Date values are taken directly from the Thomson Reuters data set. If a date value is missing in the data set, then the corresponding date field will be empty in the API response/Open PermID entity page. For example, if the date value in the data set is N/A, then the value of the corresponding field in the API response/Open PermID entity page is N/A.
- **Calais Viewer** (<https://permid.org/onecalaisViewer>): Currently if you paste text into the Calais Viewer and click Tag It, tagging results may not be consistent with a real production environment. This is because the Viewer converts the pasted text into text/xml format for processing and applies the *x-calais-contentClass:news* header. This is a temporary issue which will be resolved for future releases.
- **Organization Page:** The Officers & Directors Details list should display People data only from records with the Publication Status “Published.” (The linked Person page displays the Publication Status.)

Currently, the Organization Page displays People data from records with all the Publication Status values (published, superseded, suspended, obsolete).

Note that the status relates to the data set record, and not to the status of the person in the organization.

If multiple records (each with a different publication status) are present in the Thomson Reuters data set, a single Name + Position combination may appear multiple times under Officers & Directors Details.

This issue is temporary, and will be resolved for future releases.

Organization Details		Officers & Directors Details			
PermID	4295861160	Name	Position	Title	Start Date
Public	Yes	David Kenneth Roy Thomson	Chairman	Non-Independent Chairman of the Board	2002
Status	Active	James Clifton Smith	President	President, Chief Executive Officer, Non-Independent Director	2012
Inactive Date	☆ Login required	James Clifton Smith	Chief Executive Officer	President, Chief Executive Officer, Non-Independent Director	2012
IPO Date	12 Jun, 2002	David W. Binet	Vice Chairman	Non-Independent Deputy Chairman of the Board	2014
Latest Date of Incorporation	28 Dec, 1977	Stephane Bello	Chief Financial Officer	Chief Financial Officer, Executive Vice President	2012
LEI	549300561UZND4C7B569	Deirdre Stanley	Executive Vice President	Executive Vice President, General Counsel, Secretary	2013
Primary Industry	☆ Login required	Deirdre Stanley	Executive Vice President	Executive Vice President, General Counsel, Secretary	2013
Primary Business Sector	☆ Login required				
Primary Economic Sector	☆ Login required				

- **Ontologies:** Although they appear in the list of ontologies on the Terms and Conditions page of PermID.org, the **tr-person** and **tr-vcard** ontologies are not currently available.

Coming Soon!

- **Entity Bulk Download** will soon include support for the Person Entity.
- **Calais Viewer:** A Person entity displayed in the Calais Viewer will also display the PermID, formatted as a hyperlink to PermID.org (in the same way as Company entities do today).
- **People Data Update (Atom feed)** will enable data updates for both PermID and for TRIT.
- **Record Matching will support LEI Codes:** You will be able to perform Record Matching using LEI (Legal Entity Identifier) Codes.
- **Record Matching** will support the Person entity.
- **Search** will support the Person entity.

Entity Lookup API Response Examples – Turtle (ttl) Format

This section provides example API responses for the tables that expose Person data:

[Person Example](#)

[Officership Example](#)

[Directorship Example](#)

[AcademicQualification Example](#)

[TenureInOrganization Example](#)

[DirectorRole Example](#)

[OfficerRole Example](#)

[Degree Example](#)

[Major Example](#)

Person Example

Call

HTTP REST

GET https://permi d. org/1- 34413157709?format=turtle&access- token=<token>

Response

```
@prefix tr-person:
<http://permi d. org/ontology/person/> .
@prefix tr-vcard:
<http://permi d. org/ontology/vcard/#> .
@prefix tr-common:
  <http://permi d. org/ontology/common/> .
@prefix xsd:
  <http://www. w3. org/2001/XMLSchema#> .
@prefix vcard:
  <http://www. w3. org/2006/vcard/ns#> .

  <https://permi d. org/1- 34413157709>
a                                tr-person: Person ;
tr-common: hasPermi d          "34413157709"^^xsd: string ;
tr-common: hasPubl icati onStati s  tr-common: publ icati onstati sPubl i shed ;
tr-person: hasTenureInOrgani zati on

  <https://permi d. org/1- 36433171097> ,
  <https://permi d. org/1- 36435362210> ,
  <https://permi d. org/1- 36433171098> ,
  <https://permi d. org/1- 36435362207> ,
  <https://permi d. org/1- 36433171096> ,
  <https://permi d. org/1- 36435362209> ,
  <https://permi d. org/1- 36433171099> ,
  <https://permi d. org/1- 36435362208> ;
tr-person: hol dsPosi ti on

  <https://permi d. org/2-
226a4b404a3df eadb d11307abde6626b3205395d0b846394f054c2d7fa03bde9> ,
  <https://permi d. org/2-
d27d1421ba110c99af361bb1eeb09da21a1711d73d81a3641eb3c777d0705b6a> ,
  <https://permi d. org/2-
3d476de4dfe5eeb7b405e834d7cafe8546401bb2946580eee72be368fc8f98a3> ,
  <https://permi d. org/2-
4262107fd45d5190be76a82adf7cee1ca5437e329c46e92581608bfc1e3735ef> ,
```


<https://permi.d.org/2-631c9d306a166600f47624d5299ea7c7bc76a5b7736bd225e5690b640dc23ae2> ,

<https://permi.d.org/2-03b415d7ee4b426dfc5186adb3e8d8f48e98c32eb39b760b3bfce92e5232737d> ,

<https://permi.d.org/2-3cc87925bf57fbc720d5977e1da402f9e25e456c1e3104a18db3d07b06b80eb7> ,

<https://permi.d.org/2-d7f559436ac66c86e8a610d9835df065ee23ef646b592ccc627450053db6814f> ,

<https://permi.d.org/2-47e3678080793805638cc1440049167c545bf94a5fc19765ec7b8edbde4877f0> ,

<https://permi.d.org/2-b75eb5edf35182bac0a57b60d1ecfa19a32bc6c7f1887ebe76bbda9142381004> ,

<https://permi.d.org/2-b3de5633f0115e1963fc4b0ce1ba3a35440121ebffda231ff7c4801ef52b127f> ,

<https://permi.d.org/2-051707a013b67bba3ce45844c6120796dccb0e2a3154acfb029250119822347c> ,

<https://permi.d.org/2-a8291253d3b59419d23bd2e24f2a0b535f05bcfaa1dba4f19571c285850cb17c> ,

<https://permi.d.org/2-be42d0310603e54f5fee74bc124a74d40cbdd4909ebff45a21dbf3d4822dbb1d> ,

<https://permi.d.org/2-676e376e4e1578b411616c914550cfbdc81bf79f7fa9bd7175aa7d51cad1a8b0> ,

<https://permi.d.org/2-f3153e7b6202788c6d67d2640e8eb6f099b53a4d4c6671267d70dbe0d0352e0f> ,

<https://permi.d.org/2-5d9824f07d2f499acc02e70920f077afa1baf50acce40ab11635fa9ce0a4a6c6> ,

<https://permi.d.org/2-b3fb93a318eaaa1b37be1965a0f63e509821445079530f2806127b508f27d4a0> ,

<https://permi.d.org/2-ab45933d6affc80c0d401582c47f8da24aca2f87978853eac96a2b0e7ee2c30c> ,

<https://permi.d.org/2-dc15f7f5247abc851596c5afb65b46765299ff777e267532a9370aee8e1adc89> ,

<https://permi.d.org/2-8426508a2fce834f7b0a36683b0564ef7b5ed9409e2badd051dcef58435bcb2a> ,

<https://permi.d.org/2-7c56a5ae47319559e56f1c58bdbdf93b5a56caa0fc018e4ffcd4231aa1d04e9d> ,

```

<https://permi d. org/2-
0f855e5e30730331b76d8cebabe02cf61988210cb9cf d864e6024106e38e361d> ,

<https://permi d. org/2-
eccca2308f3bcd59f51e111f20157d05e4250814471e54783ae5c6abd734f33a> ,

<https://permi d. org/2-
bf758a684929884a8bc33497a4122e67cf52e07b77ff311daf6adff670b5b010> ,

<https://permi d. org/2-
bb8f214a702950d840a9a290733478c1bc6f0edfdd67a0b50f679a1dc21fbb13> ,

<https://permi d. org/2-
17f58f93172da1515b411e59ae0f8d7d0db5aab18103271dece94683a44b27cf> ,

<https://permi d. org/2-
0905d82e9e5d7c6e3f8768efa86aa462d2e45c612af0f962398f981150956f8d> ;
  tr- vcard: preferred- name      "Bill "^^xsd: string ;
  vcard: addi ti onal - name      "Henry"^^xsd: string ;
  vcard: bday                      "1955- 10- 28"^^xsd: string ;
  vcard: fami ly- name            "Gates"^^xsd: string ;
  vcard: gi ven- name             "Wi lli am"^^xsd: string ;
  vcard: hasGender                vcard: mal e ;
  vcard: honori fi c- pref i x    "Mr. "^^xsd: string ;
  vcard: honori fi c- suffi x     "III "^^xsd: string .

```

Officership Example

Call

HTTP REST

```
GET https://permid.org/2-d7f559436ac66c86e8a610d9835df065ee23ef646b592ccc627450053db6814f?format=turtle&access-token=<token>
```

Response

```
@prefix tr-person:
<http://permid.org/ontology/person/> .
@prefix tr-common:
<http://permid.org/ontology/common/> .
@prefix xsd:
<http://www.w3.org/2001/XMLSchema#> .

<https://permid.org/2-d7f559436ac66c86e8a610d9835df065ee23ef646b592ccc627450053db6814f>
  a
    tr-person: Officership ;
  tr-common: hasPermid "2-d7f559436ac66c86e8a610d9835df065ee23ef646b592ccc627450053db6814f"^^xsd:string ;
  tr-common: hasPublicationStatus tr-common: publicationstatuspublished ;
  tr-person: hasHolder
    <https://permid.org/1-34413157709> ;
  tr-person: hasPositionType
    <https://permid.org/1-1000355594> ;
  tr-person: hasReportedTitle "Chairman of the Board, Founder"^^xsd:string ;
  tr-person: isPositionIn
    <https://permid.org/1-4296587836> .
```

Directorship Example

Call

HTTP REST

```
GET https://permi d. org/permi d. org/ 2-3814876eb1bf56c08f48df6d390d4d586fa22f938fd51e86fec1305b1b5e838e?format=turtle&access-token=<token>
```

Response

```
@prefix tr- person:
<http://permi d. org/ontology/person/> .
@prefix tr- common:
<http://permi d. org/ontology/common/> .
@prefix xsd:
<http://www. w3. org/2001/XMLSchema#> .

<https://permi d. org/2-3814876eb1bf56c08f48df6d390d4d586fa22f938fd51e86fec1305b1b5e838e>
  a tr- person: Directorship ;
  tr- common: from "2014- 02- 04T00: 00: 00Z"^^xsd: dateTime ;
  tr- common: hasPermi d "2-3814876eb1bf56c08f48df6d390d4d586fa22f938fd51e86fec1305b1b5e838e"^^xsd: string ;
  tr- common: hasPubl i cati onStatus tr- common: publ i cati onstatuspubl i shed ;
  tr- person: hasHol der
  <https://permi d. org/1- 34413262612> ;
  tr- person: hasPosi ti onType
    <https://permi d. org/1- 10010134> ;
  tr- person: hasReportedTi tle "Chi ef Executi ve Offi cer, Di rector"^^xsd: string ;
  tr- person: i sPosi ti onIn
    <https://permi d. org/1- 4295907168> .
```

AcademicQualification Example

Call

HTTP REST

```
GET https://permi d. org/permi d. org/1- 37633753256?format=turtl e&access- token=<token>
```

Response

@prefix tr- person:

<http://permi d. org/ontol ogy/person/> .

@prefix tr- common:

<http://permi d. org/ontol ogy/common/> .

@prefix xsd:

<http://www. w3. org/2001/XMLSchema#> .

<https://permi d. org/1- 37633753256>

a

tr- common: hasPermi d

tr- common: hasPubl i cati onStatus

tr- person: fromInsti tuti onName

tr- person: i nSubj ect

<https://permi d. org/1- 10010199> ;

tr- person: wi thDegree

<https://permi d. org/1- 10010161> .

tr- person: Academi cQual i fi cati on ;

"37633753256"^^xsd: string ;

tr- common: publ i cati onstatuspubl i shed ;

"Uni versi ty of Chi cago"^^xsd: string ;

TenureInOrganization Example

Call

HTTP REST

```
GET https://permi d. org/1- 36435860395?format=turtle&access- token=<token>
```

Response

```
@prefix tr- person:
<http://permi d. org/ontol ogy/person/> .
@prefix tr- common:
<http://permi d. org/ontol ogy/common/> .
@prefix xsd:
<http://www. w3. org/2001/XMLSchema#> .

<https://permi d. org/1- 36435860395>
  a tr- person: TenureInOrgani zati on ;
  tr- common: from "2013- 03- 01T00: 00: 00Z"^^xsd: dateTi me ;
  tr- common: hasPermi d "36435860395"^^xsd: string ;
  tr- common: to "2014- 02- 25T00: 00: 00Z"^^xsd: dateTi me ;
  tr- person: hasHol der
  <https://permi d. org/1- 34413262612> ;
  tr- person: i sTenureIn
    <https://permi d. org/1- 4295905882> .
```

DirectorRole Example

Call

HTTP REST

```
GET https://permi d. org/1- 10010134?format=turtle&access- token=<token>
```

Response

```
@prefix tr- person: <http://permi d. org/ontol ogy/person/> .  
@prefix tr- common: <http://permi d. org/ontol ogy/common/> .  
@prefix xsd: <http://www. w3. org/2001/XMLSchema#> .  
@prefix skos: <http://www. w3. org/2004/02/skos/core#> .
```

```
<https://permi d. org/1- 10010134>
```

```
  a                tr- person: Di rectorRol e ;  
  tr- common: hasPermi d  "10010134"^^xsd: string ;  
  tr- person: rank      "82"^^xsd: string ;  
  skos: prefLabel      "Di rector"^^xsd: string .
```

OfficerRole Example

Call

HTTP REST

```
GET https://permi d. org/1- 10010073?format=turtle&access- token=<token>
```

Response

```
@prefix tr- person: <http://permi d. org/ontol ogy/person/> .
```

```
@prefix tr- common: <http://permi d. org/ontol ogy/common/> .
```

```
@prefix xsd: <http://www. w3. org/2001/XMLSchema#> .
```

```
@prefix skos: <http://www. w3. org/2004/02/skos/core#> .
```

```
<https://permi d. org/1- 10010073>
```

```
  a tr- person: Offi cerRol e ;
```

```
  tr- common: hasPermi d "10010073"^^xsd: string ;
```

```
  tr- person: rank "8"^^xsd: string ;
```

```
  skos: prefLabel "Chi ef Executi ve Offi cer"^^xsd: string .
```


Degree Example

Call

HTTP REST

```
GET https://permi d. org/1- 10010148?format=turtle&access- token=<token>
```

Response

```
@prefix tr- person: <http://permi d. org/ontol ogy/person/> .
```

```
@prefix tr- common: <http://permi d. org/ontol ogy/common/> .
```

```
@prefix xsd: <http://www. w3. org/2001/XMLSchema#> .
```

```
@prefix skos: <http://www. w3. org/2004/02/skos/core#> .
```

```
<https://permi d. org/1- 10010148>
```

```
  a tr- person: Academi cDegree ;
```

```
  tr- common: hasPermi d "10010148"^^xsd: string ;
```

```
  skos: prefLabel "Bachel or' s Degree"^^xsd: string .
```

Major Example

Call

HTTP REST

```
GET https://permid.org/1-10010242?format=turtle&access-token=<token>
```

Response

```
@prefix tr-person: <http://permid.org/ontology/person/> .
```

```
@prefix tr-common: <http://permid.org/ontology/common/> .
```

```
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .
```

```
@prefix skos: <http://www.w3.org/2004/02/skos/core#> .
```

```
<https://permid.org/1-10010242>
```

```
  a tr-person:Major ;
```

```
  tr-common:hasPermid "10010242"^^xsd:string ;
```

```
  skos:prefLabel "Electrical Engineering"^^xsd:string .
```

© 2016 Thomson Reuters. All rights reserved. Reproduction or redistribution of Thomson Reuters content, including by framing or similar means, is prohibited without the prior written consent of Thomson Reuters. 'Thomson Reuters' and the Thomson Reuters logo are registered trademarks and trademarks of Thomson Reuters and its affiliated companies.

Date of Issue: 13 November 2016



THOMSON REUTERS