Reuters API

Developer Guide

Version 15 | 2025

Contents

INTRODUCTION

The Reuters API provides access to a comprehensive range of multimedia content, including live feeds, videos, pictures, graphics, audio, and ready-to-publish articles from Reuters and our Connect marketplace partners. This also includes access to our extensive video and picture archive dating back to 1896.

This document is designed to be used by the client developer, who will write and implement the code that interfaces with the Reuters API to which your organization is subscribed.

REUTERS/Pedro Nunes

REVISION HISTORY

Revision number	Revision date	Revision description	Approved by
1	10/19/2021	Reuters API MVP Documentation	Product Manager
2	11/8/2021	Use cases added	Product Manager
3	1/25/2022	Query examples added.	Product Manager
4	2/16/2022	Postman examples included.	Product Manager
6	5/24/2022	Method descriptions included.	Product Manager
7	6/29/2023	1) A new parameter was added called: derivedFrom: to know if an item is derived from another one. 2) A extra pagination option was added called: page (all info in the doc).	Product Manager
8	7/10/2023	1) A new parameter called: derivedFrom to know if an item is derived from another (works for Online Reports). All the Online Reports derivedfrom a text feed. Derivedfrom provides the item id. 2) An extra pagination option was added, called: **page**. Allows to make pagination based on the number of items introduced in the **limit** parameter. An example was added. 3) A new endpoint was added, called: **filterOptions.** An example was added. **Feeds > marketplace:** allows to see the current marketplace feeds categories [**Free | Paid**]. **Sources:** Allows to see the source codes of the partners. **Code:** code of the partners **Literal:** literal name of the partners 4) A new parameter called **source**. Allows to filter based on the source (for example, Red Bull, Anadolu, etc.). An example was added. 5) A new parameter called **feeds**. Allow to filter Marketplace free and paid content. An example was added. 6) It's clarified that for TRIALs client is only allowed to access the API portal. If is a trial client and still want to access the API, needs to agree on a paid trial.	Product Manager
9	9/14/2023	1) A chapter that explains how to assign points to an API user via a Reuters Connect Admin page. 2) How to use wildcards 3) New examples about how to search several topic codes.	Product Manager
10	11/6/2024	There are new filters in the Reuters API. Now are available the same filters as the Reuters Connect website, as shown below; Filters for MediaType (and its categories), Category (and its categories/sub-categories), Region (and its categories/sub-categories). The date and source filters already exist.	Product Manager
11	02/08/2024	1. The rendition of the video_preview (stream:2128:16x9:mp4) has been removed from the documentation. This rendition will not be provided via the API. There are other renditions that the clients can use for the same purpose. Also, we provide the video screener. 2. It has been included in the documentation that the infoSource > code: shows up the pictures Xcode 3. It has been clarified that when you use the search endpoint without a date range, it will retrieve the last 30 days of content by default. 4. Document dates were updated to reflect the current year, 2024.	Product Manager
12	04/05/2024	1.A Quick Reference Guide chapter has been added. This chapter give a basic overview of the API queries. 2.The category parameter is deprecated but a subscriptions endpoint parameter has been added. channelCategory > code and name 3.contentCreated parameter explanation has been included.	Product Manager

		4.Picture restrictions codes - Appendix 3 added. 5. Video – Machine Readable Restriction Types – Appendix 4 added. 5.New parameters were added to allow data filtering depending on different date parameters. Under the option parameter, it is possible to use the parameter: dateFilterField This parameter allows you to filter based on: SORT_TIMESTAMP, VERSION_CREATED, FIRST_CREATED, CONTENT_TIMESTAMP. 6.New options have been added under the sort parameter. Now, it will be possible to sort based on different date parameters, such as: VERSION_CREATED, FIRST_CREATED, CONTENT_TIMESTAMP 7.itemRevision endpoint added. This endpoint helps to review the previous version of a specific item. Example included. 8.New examples added: search Method chapter). a) How to do a query search using variables b) How to get the top 10 items within an Online Report/Reuters Ready feed. c) How to do a query to search for items based on the FIRST_CREATED timestamp. d) How to do a query to search for items based on the FIRST_CREATED timestamp and sort by VERSION_CREATED.	
14	01/08/2024	1. Items method was deprecated and replaced by itemRevisions 2. A query example about how to exclude content. 3. A query example about how to retrieve video transcript (shotlist). 4. A query example about how to retrieve video closed captions (VTT and SRT) 5. Live video streams (Live API)	Product Manager
15	07/07/2025	1. Thumbnails with large dimension (640x640) Parameter /thumbnailUrlLarge 2. Pull the latest content without content duplication. New parameter: cursorMode:POLL	Product Manager

OVERVIEW

The Reuters API provides a set of functions and procedures which are a consistent way to programmatically access your subscribed content. It is based on GraphQL, an open-source data query language commonly used for APIs that allows the execution of queries using a type system.

This document provides the following:

1. You must obtain a list of data elements from Reuters (including your login credentials) to gain access to Reuters Web Services and retrieve the content you want.
2. Examples of the most used queries. For each sample query, the user could use it to obtain a response from the Reuters API.
3. A list of the renditions available for each media type.

HOW GRAPHQL WORKS

GraphQL works based on typed schemas. The GraphQL schema is the syntax for writing queries and mutations, composed to get back the required information from the server. Since the structure of the data returned from the single GraphQL endpoint is flexible, the query must be particular in what it requires.

A GraphQL operation can either be a read or a write operation. A GraphQL query is used to read or fetch values, while a GraphQL mutation is used to write or post values. In either case, the operation is a simple string that a GraphQL server can parse and respond to with data in a specific format. The response format that is usually used for web applications is JSON.

WHAT IS NEW IN THE API

The Reuters API allows you to access all our assets, such as text, pictures, graphics, video, live video and audio; in addition, it supports a flexible, points-based spending model that provides clients the freedom to access and utilize different content topics and asset classes – allowing for greater control of budgets as the Reuters Connect website does.

The essential news points content gives you unparalleled access to high-quality multimedia content from Reuters and other world-class media organizations - enabling you to tell deeper, richer stories that engage your audience and enhance your credibility.

The new API platform has been designed to improve editorial efficiency and streamline workflow, making research and content discovery quicker and easier.

In addition, to the flexible spending of your points, our usage-based spending model optimizes your budget and the return on your investment, but it also affords you a way to explore new content categories and discover alternative ways to grow your audience.

AUTHENTICATION

The Reuters Content API uses the OAuth2 security protocol to protect system and user security. We support two types of OAuth 2 flows.

Client credentials flow
Machine-to-machine (M2M) applications, such as CLIs, daemons, or services running on the back end, the system authenticates and authorizes the app rather than the user.

Authentication Code flow
Server-side regular web applications or single-page applications require exchanging of an authorization code for an access token. For single-page applications, we need additional security with a Proof Key for Code Exchange (PKCE).

Once successfully authenticated, we provide the client id credential in the form of an access token that will be issued. The Reuters Content API will verify the token and grant access to the API and all user functionalities.

Reuters API Portal

The Reuters API Portal site https://api.reutersconnect.com/graphql/portal/ allows you to configure/test your queries and enjoy the experience of our API.

Access to the API Portal is free for TRIAL clients.

Request access to the Media Technical Support by sending an email to: ReutersMediaSupport@thomsonreuters.com

HOW TO ACCESS THE API

To obtain the API credentials (client_id, client_secret, and audience); it's required:

- **Contract signed with the Sales Team.**

The Reuters Technical team will provide the API credentials; only if the above conditions are in place.

How to obtain the Authentication Token.

After obtaining the client credentials, the access token is requested from the authorization server by the client. The protocol used is OAuth 2.0

Get access to your TOKEN.

Besides the standard OAuth2 request parameters, it is necessary to provide the below audience and get a valid token.

The authentication token is used to identify you to the API Authentication servers and is valid for 24 hours.

POST **https://auth.thomsonreuters.com/oauth/token**

```
{
"client_id": "XXX",
"client_secret": "XXX",
"grant_type": "client_credentials",
 "audience": "7a14b6a2-73b8-4ab2-a610-80fb9f40f769",
 "scope":"https://api.thomsonreuters.com/auth/reutersconnect.contentapi.read
https://api.thomsonreuters.com/auth/reutersconnect.contentapi.write"
}
```

TOKEN Best Practices.

The correct and best practice for client applications/DAMs is to cache the access token returned until it expires. The access token has an "exp" timestamp as one of the claims, and you can use that to determine how long to cache the token. Alternatively, the /token response includes an "expires in" (expires_in": 86400); 86400 seconds = 24 hours. This claim that can be used to anticipate when the access token will expire. **The clients should not get a new access token every time the client makes an API call to a resource server.**

TOKEN Error Access.

The error scenario is a **401 Unauthorized access message.**

Throttling Error

To ensure a high level of service for all customers, requests to the Reuters API GraphQL are limited. Method requests are limited to 500 requests per minute. Requests to downloaded binary assets are counted separately and limited to 500 requests per minute.

How to perform a Query.

GraphQL Server supports only the post method, OAuth2 access token must be present in the request header. The request should be sent to **https://api.reutersconnect.com/content/graphql**

```
curl --request POST 'https://api.reutersconnect.com/content/graphql’ \
      --header 'Authorization: Bearer
eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6Ik1VTXpPRU14TWpFeU0wWXhSa00yTWpWQ1JrTkd \
       --header 'Content-Type: application/json' \
      --data-raw '{"query":"query MyQuery {\n  currentUser {\n    email\n  }\n  search {\n    totalHits\n    items {\n      uri\n      type\n
usn\n      versionCreated\n           language\n      slug\n    }\n  }\n}","variables":{}}'
```

How to access the Reuters API Portal

The Reuters API Portal site https://api.reutersconnect.com/graphql/portal/ allows you to configure/test your queries. Request access to the Media Technical Support by sending an email to: ReutersMediaSupport@thomsonreuters.com

Endpoints

To get token **https://auth.thomsonreuters.com/oauth/token**

For query/mutation: **https://api.reutersconnect.com/content/graphql**

METHODS SUMMARY TABLE

This section describes the content methods associated with the Reuters API.

Method	Description	Example Use Case
currentUser	Provides all the account information of the API user, such as contacts, account id, last time logged in, and the list of the channels to which the API user is subscribed.	Populate a list of the API user channels list and account information.
downloadHistory	Provides the download history of the API user	Pull the list of all downloaded items and the points value.
filtersOptions	Retrieves all the options available to filter our content	Pull details for the code necessary to use to filter content.
item	Retrieves item information as a JSON formatted	Pull details for an item returned in the items or search method.
itemRevisions	Retrieves all the previous item versions of a specific item.	Pull the previous version of a specific item
pointsBalance	Provides the points balance of the API user if is a points content subscribed	Pull the API available points, overage points, and Trial points when the points expire.
search	Obtains a list of items that match the search criteria provided by the API user	Retrieves the metadata for a specific search, such as all videos containing the word “cycling” in the title and published within the last three days and containing the topic code for France.
liveEvents	Provides all the live event information, such as status, headline, usage terms, event details (duration, start date, end date), and more.	To populate a list of detailed information about a live event.
liveEventSubscriptions	Request to pull or push video of an event stream by providing the event id and rendition code, view existing subscriptions	Consume the content from a live event using the stream URL or pushing to a destination
mutation	Retrieves the binary file requested. Subscribe to an event and retrieve the link of the stream signal link.	Download the rendition of a specific item and Subscribe and unsubscribe to a live event.

API QUICK REFERENCE GUIDE

This section shows up the most important queries to use the Reuters API after getting authentication token.

1. Use the following query to obtain a list of the channels to which you have access/subscribed.

```
query MyQuery {
  currentUser {
    subscriptions {
      alias
      name
      channelCategory {
        code
        name
      }
    }
  }
}
```

2. Use the following query to retrieve content for a specific channel (for example, Reuters World Service, channel alias: STK567 – text channel).

```
query MyQuery {
  search(filter: {channel: "STK567"})
{
    items {
      headLine
      versionedGuid
      usn
      uri
      contentTimestamp
    }
  }
}
```

3. Use the following query to retrieve the latest 20 stories during the last 24 hours.

```
query MyQuery {
  search(filter: {maxAge: "24h"})
{
    items {
      headLine
      type
      contentTimestamp
      versionedGuid
      uri
      usn

    }
  }
}
```

4. Use the following query to retrieve the latest 100 stories during the last 7 days.

```
query MyQuery {
  search(filter: {maxAge: "7D"}, limit: 100) {
    items {
      headLine
      type
      contentTimestamp
      versionedGuid
      uri
      usn
    }
  }
}
```

5. Use the following query to retrieve the latest 20 package (composite) items from an Online Report/Reuters Ready channel (for example, US Online Report Top News, channel alias: FES376).

```
query MyQuery {
  search(filter: {channel: "FES376", mediaTypes: COMPOSITE}) {
    items {
      headLine
      type
      contentTimestamp
      versionedGuid
      uri
      usn
    }
  }
}
```

6. Use the following query to retrieve the latest 20 pictures of your subscribed feeds and its renditions.

```
query MyQuery {
  search(filter: {mediaTypes: PICTURE}) {
    items {
      caption
      headLine
      uri
      renditions {
        mimeType
        uri
        type
        version
        code
        points
      }
    }
  }
}
```

7. Use the following mutation to download the NewsML (XML) from a text item. For example, itemID: tag:reuters.com,2024:newsml_KCN3640WS

```
mutation MyMutation {
  download(
    itemId: "tag:reuters.com,2024:newsml_KCN3640WS"
    renditionId: "tag:reuters.com,2024:newsml_KCN3640WS"
  ) {
    ... on GenericItem {
      url
    }
  }
}
```

8. Use the following mutation to download the Base image (JPEG) rendition from an image. For example,
   itemId: tag:reuters.com,2024:newsml_RC2OX6AY5A8Q
   renditionId: tag:reuters.com,2024:binary_RC2OX6AY5A8Q-BASEIMAGE

```
mutation MyMutation {
  download(
    itemId: "tag:reuters.com,2024:newsml_RC2OX6AY5A8Q"
    renditionId: "tag:reuters.com,2024:binary_RC2OX6AY5A8Q-BASEIMAGE"
  ) {
    ... on GenericItem {
      url
    }
  }
}
```

currentUser Method

The currentUser method is used to obtain the API account details, such as Reuters Account Manager, Reuters Account Manager name & email, and client contact information (business & technical contact), including the API feed subscriptions.

The currentUser method accepts the following parameters:

PARAMETERS				DEFINITION
currentUser				
account				Account name
	allowEmbeddedUrl			Account with access to HLS/HDS stream links
	allowPublishMediaStream			Account with access to the RTMP service
	contacts			
		businessContact		Account business contact
			email	email of the business contact
			name	full name of the business contact
			phone	phone number of the business contact
		reutersAccountManager		Reuters Account Manager assigned to the account
			Email	Reuters Account Manager email address
			name	Reuters Account manager Name
			phone	Reuters Account Manager phone number
		technicalContact		Technical contact assigned to the account
			Email	Technical contact email address
			Name	Technical contact full name
			phone	Technical contact phone number

	country			
		alpha2Code		Two-letter country codes defined in ISO 3166-1
		Alpha3Code		Three-letter country codes defined in ISO 3166-1
		name		Country name
	currency			Account currency
	id			Account id
	name			Account name
	pointsManagementAdmin			
		email		Email of the Points Management Admin
		Firstname		First name of the Points Management Admin
		lastname		Last name of the Points Management Admin
	pricePerPoint			Price of the points
	pricePerPointAsOf			Price per point as of
	region			Region of the Account
	type			Type of Account
createdTimestamp (deprecated) **createdAt**				Date when the API user was created
email				Email of the API user
firstname				First name of the API user
Id				API user ID number (used by Reuters – internal database id number)
isTrial				True if the account is trial; False if not.
lastChangedTimestamp (deprecated) **lastChangedAt**				Last time a change made to the API user
lastLoggedIn (deprecated) **lastLoggedInAt**				Last time the API user was used.
lastName				Last name of the API user
loginName				login name of the API user

scriptFormat				Script format used in the account
subscriptions				List all the channel subscriptions.
	alias			Channel alias of each channel
	category (deprecated)			Channel category (text, picture, graphic, online reports, packaged video, broadcast video (raw video), archive video, archive pictures, audio)
	name			channel name
	channelCategory			
		code		Channel code depending on its category. TXT: Text, PIC: Pictures, OLR: Online Reports; AUD: Audio, PICA: Archive Pictures; OLV: Online Video, GRA: Graphics, RVA: Archive Video, BRV: Broadcast Video
		name		Category name.
	channelId			Channel ID

Examples

1) **How to get the API user feeds/channel name/channel alias.**

```
query MyQuery {
  currentUser {
    subscriptions {
      alias
      channelCategory {
        code
        name
      }
      channelId
      name
    }
  }
}
```

downloadHistory Method

The downloadHistory method is used to obtain the API download history, select from a date range, limit the number of results, sort by order, and specify the start position next to the page and the list of items, including essential information.

PARAMETERS			DEFINITION
downloadHistory			
	cursor		token - first 60 characters
	from		date format like "1996-12-19" specify the history start from, by default only recent 30 days history data return.
	limit		limit the number of results – by default 20 (min: 1, max: 50)
	sort		Sort by ascending or descending date
	to		date format like "1996-12-19" specify the history end by.
	count		Total number of items on the download history
	cursor		Shows up the cursor token of the downloadHistory. Specify the start position of the next page. The cursor parameter is used to specify the start position of the next page based on the query and sort criteria. Each search page returns a limited number of matching documents, and the "pageInfo" field tracks the pagination result across the search results based on current search queries and sort criteria. Repeat the same query and sort with the "endCursor" value on the last page until "hasNextPage" returns false to the page through a more extensive set of results.
	items		number of items downloaded
		downloadDate	download date
		headline	headline of the item
		points	points cost of the item
		renditionId	rendition id of the item
		slug	slug of the item
		source	source of the type
		type	content type of the item
		versionedGuid	versionedGuid of the item, last version id number of an item

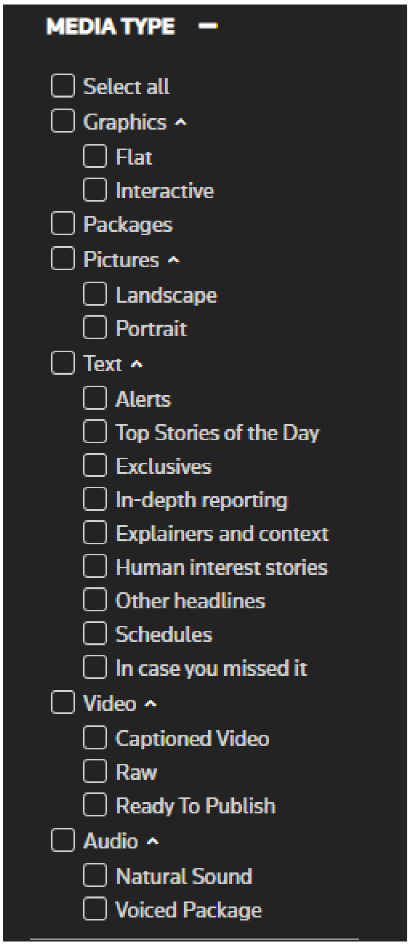
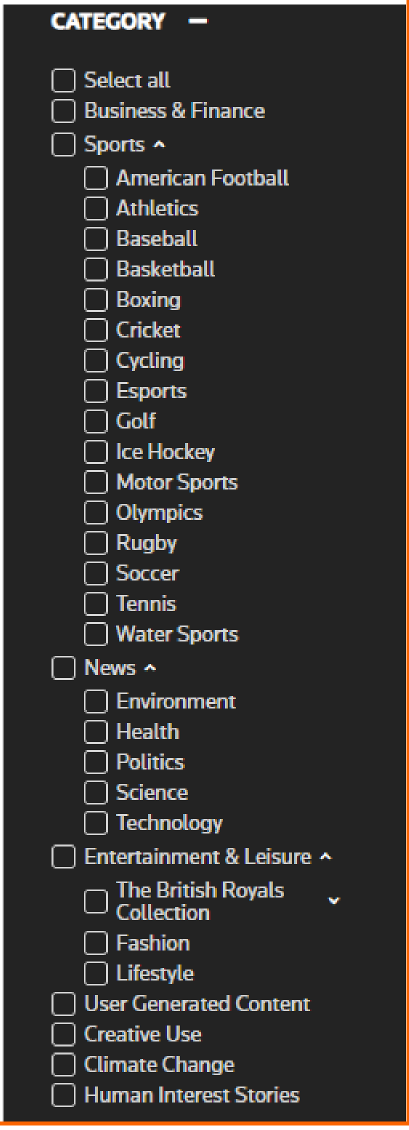
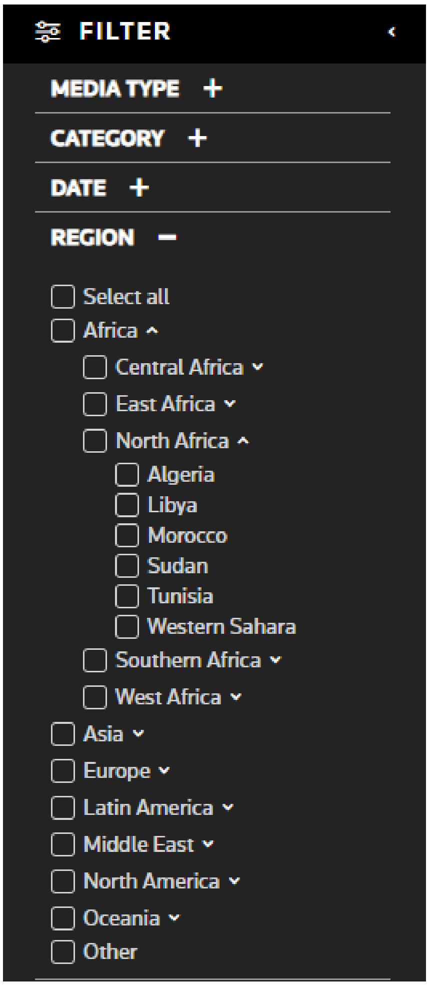
Examples

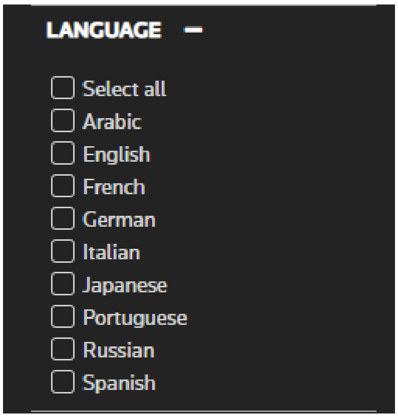
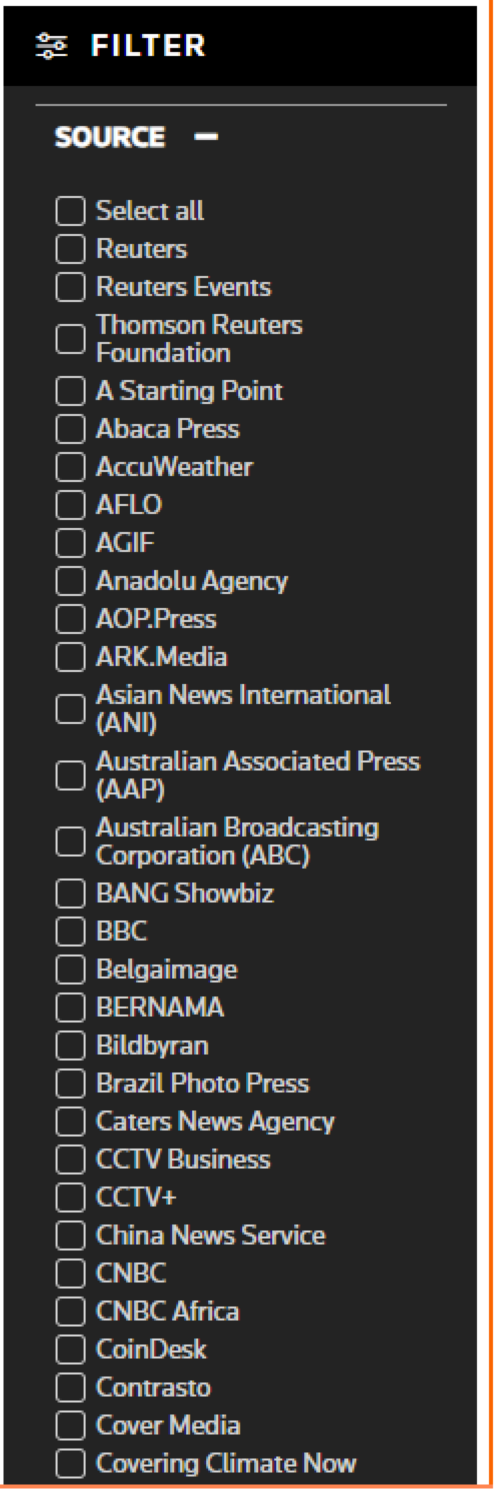
1. How to retrieve the download history of the API users.

```
query MyQuery {
 downloadHistory {
    items {
    headline
    downloadDate
    slug
    type
    source
    versionedGuid
    renditionId
    points
   }
  }
 }
```

filterOptions Method

The filterOptions method is used to obtain the API filter categories available in the Reuters Connect website (www.reutersconnect.com) displayed in the left side under the filter tab as shown in the following image:

For Media Type	For Category	For Region
 MEDIA TYPE — □ Select all □ Graphics ⌃ □ Flat □ Interactive □ Packages □ Pictures ⌃ □ Landscape □ Portrait □ Text ⌃ □ Alerts □ Top Stories of the Day □ Exclusives □ In-depth reporting □ Explainers and context □ Human interest stories □ Other headlines □ Schedules □ In case you missed it □ Video ⌃ □ Captioned Video □ Raw □ Ready To Publish □ Audio ⌃ □ Natural Sound □ Voiced Package	 CATEGORY — □ Select all □ Business & Finance □ Sports ⌃ □ American Football □ Athletics □ Baseball □ Basketball □ Boxing □ Cricket □ Cycling □ Esports □ Golf □ Ice Hockey □ Motor Sports □ Olympics □ Rugby □ Soccer □ Tennis □ Water Sports □ News ⌃ □ Environment □ Health □ Politics □ Science □ Technology □ Entertainment & Leisure ⌃ □ The British Royals Collection ⌄ □ Fashion □ Lifestyle □ User Generated Content □ Creative Use □ Climate Change □ Human Interest Stories	 FILTER ‹ MEDIA TYPE + CATEGORY + DATE + REGION — □ Select all □ Africa ⌃ □ Central Africa ⌄ □ East Africa ⌄ □ North Africa ⌃ □ Algeria □ Libya □ Morocco □ Sudan □ Tunisia □ Western Sahara □ Southern Africa ⌄ □ West Africa ⌄ □ Asia ⌄ □ Europe ⌄ □ Latin America ⌄ □ Middle East ⌄ □ North America ⌄ □ Oceania ⌄ □ Other

For Language	For Source (go to www.reutersconnect.com to see the complete list of Sources.
 LANGUAGE − ☐ Select all ☐ Arabic ☐ English ☐ French ☐ German ☐ Italian ☐ Japanese ☐ Portuguese ☐ Russian ☐ Spanish	 FILTER SOURCE − ☐ Select all ☐ Reuters ☐ Reuters Events ☐ Thomson Reuters Foundation ☐ A Starting Point ☐ Abaca Press ☐ AccuWeather ☐ AFLO ☐ AGIF ☐ Anadolu Agency ☐ AOP.Press ☐ ARK.Media ☐ Asian News International (ANI) ☐ Australian Associated Press (AAP) ☐ Australian Broadcasting Corporation (ABC) ☐ BANG Showbiz ☐ BBC ☐ Belgaimage ☐ BERNAMA ☐ Bildbyran ☐ Brazil Photo Press ☐ Caters News Agency ☐ CCTV Business ☐ CCTV+ ☐ China News Service ☐ CNBC ☐ CNBC Africa ☐ CoinDesk ☐ Contrasto ☐ Cover Media ☐ Covering Climate Now

PARAMETERS		DEFINITION
categories		The filter categories available are Business & Finance, Sports (and it's sub-categories), News (sub-categories), Entertainment & Leisure (and it's sub-categories), User Generated Content, Creative Use, Climate Change and Human Interest Stories.
	code	Provides the code of the category
	literal	Provides the name of the category
	uri	Provides the identifier of the category needed for the API calls
	NamedGroupQuery	
	children	Identify to request the children of the category
	code	Provides the code of the sub-category
	literal	Provides the name of the sub-category
	uri	Provides the identifier of the sub-category needed for the API calls
feeds		
	marketplace	Provides the Marketplace categories. FREE: free content PAID: points content
language		Provides the option to filter based on languages.
	code	Provides the code of the category
	literal	Provides the name of the category
	uri	Provides the identifier of the category needed for the API calls
mediaType		The filter categories available are Graphics (sub-categories: Flat and Interactive), Packages, Pictures (sub-categories: Landscape and Portrait), Text (sub-categories: Alerts, Top Stories of the Day, Exclusives, In-depth reporting, Explainers and content, Human interest stories, Other headlines, Schedules and In case you missed it), Video (sub-categories: Captioned Video, Raw and Ready to Publish), and Audio (sub-categories: Natural Sound and Voice Package).
	code	Provides the code of the category
	literal	Provides the name of the category
	uri	Provides the identifier of the category needed for the API calls
	NamedGroupQuery	Endpoints to display the sub-categories
	children	Identify to request the children of the category
	code	Provides the code of the sub-category
	literal	Provides the name of the sub-category
	uri	Provides the identifier of the sub-category needed for the API calls
regions		The filter allows to filter based on regions. Go to the www.reutersconnect.com website to review all the region and sub-categories available. The full list is not listed here.
	code	Provides the code of the category
	literal	Provides the name of the category
	uri	Provides the identifier of the category needed for the API calls

	NamedGroupQuery	Endpoints to display the sub-categories
	children	Identify to request the children of the category
	code	Provides the code of the sub-category
	literal	Provides the name of the sub-category
	uri	Provides the identifier of the sub-category needed for the API calls
sources		Provides the list of all the sources name of our contributors.
	code	Provide the code of a contributor.
	literal	Provides the literal name of a contributor

Examples

1. **How to query to see the categories list:**

```
query MyQuery {
  filterOptions {
    categories {
      code
      literal
      uri
    }
  }
}
```

2. **How to query to see the sub-categories of the categories:**

```
query MyQuery {
  filterOptions {
    categories {
      code
      literal
      uri
      ... on NamedGroupQuery {
        children {
          code
          literal
          uri
        }
      }
    }
  }
}
```

3. How to search for items under the category: Climate Change

Execute the query to search for the categories uri

```
query MyQuery {
  filterOptions {
    categories {
      code
      literal
      uri
    }
  }
}
```

Then, it’s found that the uri is **cat://climate.** Use the search method and nameQuieres and filter parameters to use the category uri as shown below:

```
query MyQuery2 {
  search(filter: {namedQueries: {filters: "cat://climate"}}) {
    totalHits
    items {
      headLine
      usn
      uri
    }
  }
}
```

4. How to search for items under the sub-category: News > Politics

Execute the query to look for the sub-categories, shown in the example 2.

The uri of the sub-category – Politics is **cat://news/pol**

```
query MyQuery2 {
  search(filter: {namedQueries: {filters: "cat://news/pol"}}) {
    totalHits
    items {
      headLine
      usn
      uri
    }
  }
}
```

5. **How to search for items under the media type sub-category: Video > Raw**

   Execute the query to look for the sub-categories, shown in the example 2.

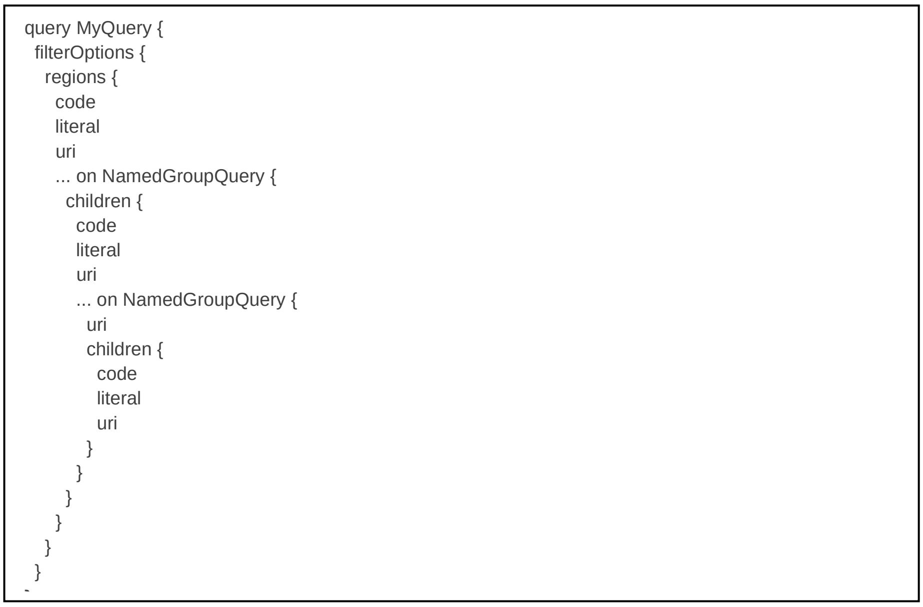
   The uri of the sub-category – Raw is **med://vid/raw**

```
query MyQuery2 {
  search(filter: {namedQueries: {filters: "med://vid/raw"}}) {
    totalHits
    items {
      headLine
      usn
      uri
    }
  }
}
```

6. **How to search for two or more options. Category: Business and Source: Reuters**

```
query MyQuery3 {
  search(filter: {namedQueries: {filters: ["cat://bus", "src://rtrs"]}}) {
    totalHits
    items {
      headLine
      uri
      usn
    }
  }
}
```

7. **How to query to see the sub-category of a sub-category.**



```
query MyQuery {
  filterOptions {
    regions {
      code
      literal
      uri
      ... on NamedGroupQuery {
        children {
          code
          literal
          uri
          ... on NamedGroupQuery {
            uri
            children {
              code
              literal
              uri
            }
          }
        }
      }
    }
  }
```

8. How to see the available Marketplace feeds categories.

```
query MyQuery {
  filterOptions {
    feeds {
      marketplace
    }
  }
}
```

9. How to see the sources list and its code, names and uri.

```
query MyQuery {
  filterOptions {
    sources {
      code
      literal
      uri
    }
  }
}
```

Item Method

The item method is used to retrieve a particular news item JSON formatted. To invoke this method, you must know the item ID of the news item you wish to retrieve. You may use the items or search method to obtain the desired item ID.

<table>
<tr><th colspan="2">PARAMETERS</th><th>DEFINITION</th></tr>
<tr><td><b>Id</b></td><td></td><td>retrieve latest version of the item with full details, only accept versionGuid or Uri.
versionedGuid: last version item id
uri: first version item id</td></tr>
<tr><td><b>option</b></td><td></td><td></td></tr>
<tr><td></td><td>completeSentences</td><td>option to retrieve fragments as complete sentences and is defaulted to a false value.</td></tr>
<tr><td></td><td>dateFilterField</td><td>Allow content filtering depending on different date parameters. This parameter allows you to filter based on:
<table>
<tr><td>CONTENT_TIMESTAMP</td><td>Timestamp referred to as the "Date Taken" or "Original Date Time," is a piece of data that indicates the exact date and time when the photograph was taken.</td></tr>
<tr><td>FIRST_CREATED</td><td>timestamp when the first version was created</td></tr>
<tr><td>SORT_TIMESTAMP</td><td>Timestamp filed for sorting content, that corresponds to the contentTimeStamp.</td></tr>
<tr><td>VERSION_CREATED</td><td>timestamp when this version item was created</td></tr>
</table></td></tr>
<tr><td></td><td>fragmentLength</td><td>define the length of the fragment to be retrieved. The default value when not specified is 200, and the max value is 400.</td></tr>
<tr><td></td><td>previewMode</td><td>Direct: it provides the direct URL of our CDN server of the /thumbnailURL or /previewURL parameters. URL TTL (Time To Live) is 5 minutes.
Redirect: it provides the non-direct URL of the /thumbnailURL or /previewURL parameters</td></tr>
<tr><td><b>altID</b></td><td></td><td>Alternative identities id of a news object</td></tr>
<tr><td></td><td>eaid</td><td>eaid</td></tr>
<tr><td></td><td>editNumber</td><td>Video id number</td></tr>
<tr><td></td><td>iid</td><td>iid</td></tr>
<tr><td></td><td>otr</td><td>otr</td></tr>
<tr><td></td><td>rpid</td><td>Reuters Picture website picture id</td></tr>
<tr><td></td><td>sid</td><td>sid</td></tr>
<tr><td></td><td>tpcid</td><td>tpcid</td></tr>
<tr><td></td><td>tpguid</td><td>tpguid</td></tr>
</table>

	usn	unique story number. this is the same identifier as the guid
	vid	vid
associations		items associations if apply
audio		Audio information of the item
bodyXhtml		html of the body of the item
bodyXhtmlRich		xhtml of the body of the item
byLine		The name(s) of the creator(s) of the content
caption		Picture description, restriction, and Editorial notes
channels		Where the item has been published
contentCreated		Timestamp when the item was created.
contentMetaExtProperty		Content metadata external property
	qcode	topic code associated
	rel	rel of the qcode
contentTimestamp		Timestamp referred to as the "Date Taken" or "Original Date Time," is a piece of data that indicates the exact date and time when the photograph was taken.
contributor		Any necessary copyright notice for claiming the intellectual property for the content
	code	code associated to the contributor
	literal	literal code
	role	role associated to the contributor
copyrightNotice		Any necessary copyright notice for claiming the intellectual property for the content
copyrightHolder		Copyright holder of the item
copyrightHolderIds		Copyright holder id if the copyright holder has one
credit		Content owner
dateLine		Date mentioned on the article
derivedFrom		Provides the item id and information if an item belongs from another item.
destination		The point(s) of destination of this item
evolvedFrom		Shows when an item evolved from another item
	uri	Uri of the item from where it evolved from
	versionedGuid	versionedGuid of the item from where it evolved from
exclAudience		Exclusions codes applied to an item
firstCreated		timestamp when the first version was created
fragment		For text and video, by default it represents up to the first 200 characters of the body of the news item. For pictures/graphics, by default it represents up to the first 200 characters of the caption of the news item
genre		Genre codes indicate the nature of the news object, not specifically its content. For example, if a news item is a Press Release, the item would contain the ‘N2:NEWR’ genre code.

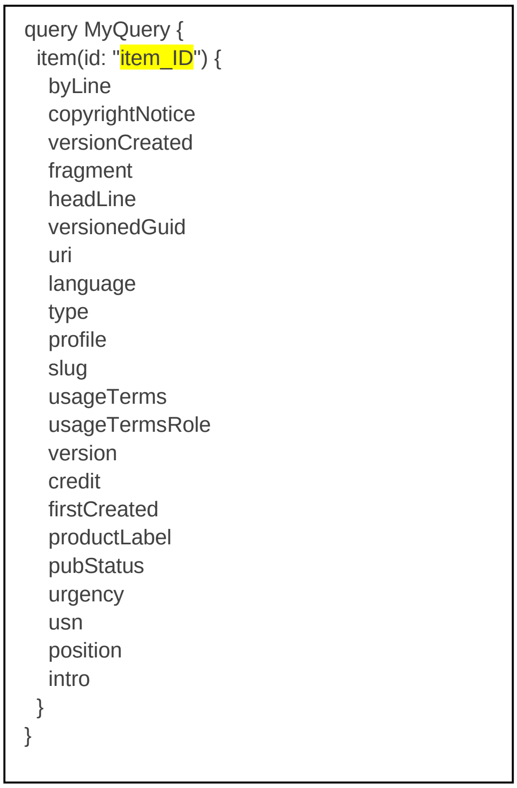
	code	code of the genre
	literal	literal code
	name	name of the genre
headline		A brief and snappy introduction to the content, designed to catch the reader's attention
infosource		The sources of the news object.
	code	code of the source | Xcode for the pictures
	literal	literal name of the source
	role	role code of the source
intro		
itemMetaExtProperty		item metadata external property
	rel	internal code
	value	channel alias where the item was published
	valueDataType	valueDataType
keyword		Terms relate to the content
language		language of the item
position		
previewUrl		Preview ULR of the item. To use this URL, it is necessary to append the bearer token. Make use the redirection URL within your CMS system to display the image. URL TTL (Time To Live) is 5 minutes.
productLabel		A description of the product type, for example slideshow, story-package, top-story-list
profile		An identifier for the kind of content of this news object
pubStatus		The publishing status of the news object, its value is *usable* by default
relatedItems		Related items associated to the item
renditions		Wrapper for different renditions of non-textual content of the news object
	mimeType	Multipurpose Internet Mail Extensions
	uri	Rendition id of the rendition.
	type	Type of item
	version	Version of the rendition
	code	Rendition code name
	points	Points value of the rendition
signal		Edit status of an item "edStat:N", New "edStat:U", Update "edStat:C", Correction "edStat:D", Deletion
slug		The slug of this item, or short name used to identify it

sortTimeStamp		Timestamp filed for sorting content, it's typically the same as the content timestamp.
source		
	code	Code of the source of the item
	literal	Name of the source of the item
subject		Topic Codes (The list of Topic Codes could be found here)
	code	qcode
	name	name of the topic code
	rel	rel of the qcode
subjectLocation		Location where the item was created
	city	city name related where the item was created
	countryCode	country code
	countryName	country name
	CountrySubdivision	country subdivision if applied
thumbnailUrl		Thumbnail URL of the item. Dimensions 300x300. To use this URL, it is necessary to append the bearer token. Make use the redirection URL within your CMS system to display the image. URL TTL (Time To Live) is 5 minutes.
thumbnailUrlLarge		Thumbnail URL of the item. Dimensions 640x640. To use this URL, it is necessary to append the bearer token. Make use the redirection URL within your CMS system to display the image. URL TTL (Time To Live) is 5 minutes.
type		type of item, it could be text, picture, online reports, broadcast video, archive
urgency		The editorial urgency of the content from 1 to 9. 1 represents the highest urgency, 9 the lowest. The urgency parameter is equivalent to the “priority” parameter in the NewsML-g2 schema. <urgency>1</urgency> Alert <urgency>2</urgency> Urgent news <urgency>3</urgency> High priority news <urgency>4</urgency> Normal news To search based on the urgency/priority; use the **priority** parameter.
uri		The identifier for this rendition
usageTerms		usage terms of the item
usageTermsRole		usage terms of the item
usn		unique story number. this is the same identifier as the guid
version		The version of the news object which is identified by the uri property
versionCreated		timestamp when this version item was created
versionProcessed		timestamp when this version was processed in our internal systems
versionedGuid		The globally unique identifier of the target item (guid) which also includes the version identifier

Examples

1. **How to perform a query of a specific item and all its associations**

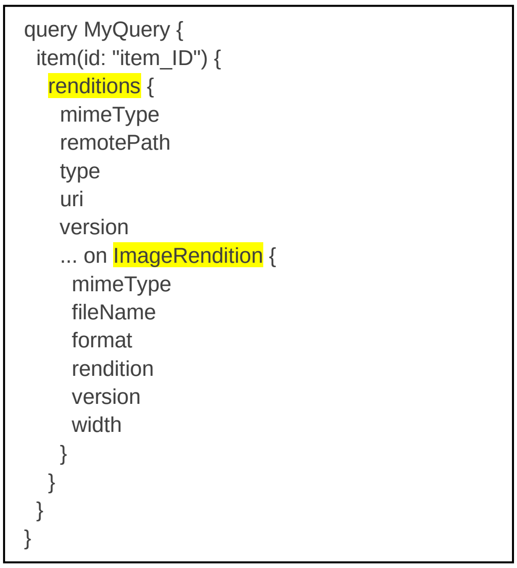
The following query allows to retrieve an item complete information. The item_ID is equivalent to the **uri** parameter.



```
query MyQuery {
  item(id: "item_ID") {
    byLine
    copyrightNotice
    versionCreated
    fragment
    headLine
    versionedGuid
    uri
    language
    type
    profile
    slug
    usageTerms
    usageTermsRole
    version
    credit
    firstCreated
    productLabel
    pubStatus
    urgency
    usn
    position
    intro
  }
}
```

2. **How to retrieve a picture item with all renditions.**

The following query allows to retrieve picture, graphics, and audio renditions. It is necessary to use only the renditions parameter to retrieve all the renditions.



```
query MyQuery {
  item(id: "item_ID") {
    renditions {
      mimeType
      remotePath
      type
      uri
      version
      ... on ImageRendition {
        mimeType
        fileName
        format
        rendition
        version
        width
      }
    }
  }
}
```

3. How to retrieve an Online Reports/Reuters Ready/Pictures Packages/Video Packages

The Online Reports/Reuters Ready consist of a package that contains a text and multimedia content such as picture(s), and/or video(s). Also, this applies to pictures and video packages.

The query to get all the package renditions is:

```
query MyQuery {
  item(id: "item_ID") {
    associations {
      renditions {
        mimeType
        uri
        type
        version
        code
        points
      }
      associations {
        renditions {
          mimeType
          uri
          type
          version
          code
          points
        }
      }
    }
  }
}
```

If you want only to get the picture renditions; the query to get all the picture renditions is:

```
query MyQuery {
  item(id: "item_ID") {
    associations {
      renditions {
        mimeType
        uri
        type
        version
        code
        points
      }
    }
  }
}
```

If the item includes a video; the query to get the video renditions is:

*to download the video rendition from a package, you must use the video uri and video rendition uri.

```
query MyQuery {
  item(id:item_ID") {
    associations {
      renditions {
        mimeType
        uri
        type
        version
        code
        points
      }
      associations {
        renditions {
          mimeType
          uri
          type
          version
          code
          points
        }
      }
    }
  }
}
```

<u>NOTE</u>: To download/mutation the picture or the video item, make sure to use the picture uri or video uri, and not the text uri.

4. How to retrieve a video item with all renditions

The following query allows to retrieve video item and packaged video renditions, it is necessary to use the associations and renditions parameter to retrieve all the renditions.

```
query MyQuery {
  item(id: "item_ID") {
    associations {
      renditions {
        mimeType
        remotePath
        type
        uri
        version
       }
    }
  }
}
```

5. How to retrieve a video item with all renditions information/parameters

```
query MyQuery {
  item(id: "item_ID") {
    associations {
      renditions {
        code
        mimeType
        type
        uri
        version
        ... on VideoRendition {
          mimeType
          fileName
          audioBitRate
          audioSampleRate
          colourIndicator
          duration
          code
          format
          height
          sizeInBytes
          type
          uri
          version
          videoAspectRatio
          videoAvgBitrate
          width
        }
      }
    }
  }
}
```

6. How to get the items qcodes (Topic Codes)

The following query allows to get the items Topic Codes.

```
query MyQuery {
  item(id: "item_ID") {
    subject {
      code
      name
      rel
    }
  }
}
```

7. How to see the points value of an item rendition, for example a picture

```
query MyQuery {
  item(id: "item_ID") {
    renditions {
      points
    }
  }
}
```

8. How to see the points value of an item rendition, for example a video

```
query MyQuery {
  items(id: "item_ID") {
    associations {
      renditions {
        ... on VideoRendition {
          points
        }
      }
    }
  }
}
```

9. How to see the direct download URL of an image preview or thumbnail

```
query MyQuery {
  item(
    id: "item_ID"
    option: {previewMode: DIRECT}
  ) {
    previewUrl
    thumbnailUrl
  }
}
```

10. How to retrieve a video transcript (shotlist.JSON)

The shotlist is the video transcript, Avista-based transcripts. The shotlist file is referred as machine generated metadata that is time coded. Fully automated contains:

- Transcription
- Translation to English & Spanish
- Scene lists
- Person appearing recognition
- Speaker recognition

The first step is to retrieve a video transcript (shotlist) is to make a query using the video id to get listed all the renditions as shown below:

```
query MyQuery {
  item(id: "item_ID") {
    associations {
      renditions {
        mimeType
        remotePath
        type
        uri
        version
       }
    }
  }
}
```

Then, make use of the shot_list rendition (uri) to make use of the mutation.

```
mutation MyMutation {
  download(
    itemId: "tag:reuters.com,2024:newsml_xxxxxxxxxxxxx"
    renditionId: "tag:reuters.com,2024:binary_xxxxxxxxxxxxx-STREAM:SHOTLIST:JSON"
  ) {
    ... on GenericItem {
      url
    }
  }
}
```

11. How to retrieve a video closed captions (VTT and SRT)

The video transcripts of English package video also available as standard SRT and VTT subtitle files.

The first step is to retrieve a video closed captions is to make a query using the video id to get listed all the renditions as shown below:

```
query MyQuery {
  item(id: "item_ID") {
    associations {
      renditions {
        mimeType
        remotePath
        type
        uri
        version
      }
    }
  }
}
```

Then, make use of the VTT or SRT rendition (uri) to make use of the mutation.

```
mutation MyMutation {
  download(
    itemId: "tag:reuters.com,2024:newsml_xxxxxxxxxxxxx"
    renditionId: "tag:reuters.com,2024:binary_xxxxxxxxxxxxx-STREAM:CLOSEDCAPTION:SRT"
  ) {
    ... on GenericItem {
      url
    }
  }
}
```

itemRevisions Method

The itemRevisions method is used to obtain the previous version of a selected item.

The itemRevisions method accepts the following parameters:

PARAMETERS		DEFINITION
id		retrieve latest version of the item with full details, only accept versionGuid or Uri. versionedGuid: last version item id uri: first version item id
includeAllVersions		
	true	If this is true, it includes the item's previous versions.
	false	If it is false, it will not include the item's previous versions
Item parameters		This endpoint will provide all the parameters of the item method.

Examples

1. **How to see an item previous versions**

   Use the following query to see the previous versions. If you want to download/mutation any of the previous version of an item id, make use of the **versionedGuid** id.

```
query MyQuery {
  itemRevisions(
    id: "item_id"
    includeAllVersions: true
  ) {
    byLine
    headLine
    caption
    versionedGuid
    uri
    language
    type
    profile
    slug

  }
}
```

pointsBalance Method

The pointsBalance method is used to obtain the API points balance.

PARAMETERS		DEFINITION
	asOf	points available asOf date
	availablePoints	points available
	grantEnd	points ending date
	grantStart	points starting date
	grantedPoints	granted points provided
	isTrial	trial points
	overagePoints	overage points

Examples

2. How to see the Points available and points information

The following query allows to retrieve the points information of the customer account.

```
query MyQuery {
  pointBalance {
    asOf
    availablePoints
    grantStart
    grantEnd
    grantedPoints
    isTrial
    overagePoints
  }
}
```

Search Method

The search method is used to obtain a list of news items matching your search criteria. This method provides more advanced filtering options than those offered with the items method and full-text search capabilities.

<table>
<tr><th colspan="2">PARAMETER</th><th>DEFINITION</th></tr>
<tr><td><b>cursor</b></td><td></td><td>The cursor parameter is used to specify the start position of the next page based on the query and sort criteria. Each search page returns a limited number of matching documents, and the "pageInfo" field tracks the pagination result across the search results based on current search queries and sort criteria. Repeat the same query and sort with the "endCursor" value on the last page until "hasNextPage" returns false to the page through a more extensive set of results.</td></tr>
<tr><td><b>filter</b></td><td></td><td>Filter parameter</td></tr>
<tr><td></td><td>channel</td><td>specify the channel alias to be used when retrieving news items and use comma to sperate multiple values. By default, if no channel alias is supplied, all channels to which you subscribe will be returned. To see the subscribed channels list, go to <b>currentUser > subscriptions > alias.</b></td></tr>
<tr><td></td><td>channelCategories</td><td>specify the channel categories to be used when retrieving news items. A channel category is a group of channels containing similar content (e.g. Online Reports, Pictures, or Online Video). If both channel and channelCategory parameters are supplied, both fields will be used to calculate the full set of channels to use.
<table>
<tr><th>name</th><th>code</th></tr>
<tr><td>Text</td><td>TXT</td></tr>
<tr><td>Pictures</td><td>PIC</td></tr>
<tr><td>Graphics</td><td>GRA</td></tr>
<tr><td>Online Video</td><td>OLV</td></tr>
<tr><td>Online Reports</td><td>OLR</td></tr>
<tr><td>Broadcast Video</td><td>BRV</td></tr>
<tr><td>Live Broadcast</td><td>LBRV</td></tr>
<tr><td>Live Online</td><td>LOLV</td></tr>
<tr><td>Archive Picture</td><td>PICA</td></tr>
<tr><td>Interactive</td><td>ITRA</td></tr>
<tr><td>Archive Video</td><td>RVA</td></tr>
<tr><td>Live Video</td><td>LVID</td></tr>
<tr><td>Audio</td><td>AUD</td></tr>
</table>
</td></tr>
<tr><td></td><td>dateRange</td><td>This parameter makes us of the contentTimestamp of the item. Specify the date range for the news items to be retrieved. By default, if no date range filter is supplied, the news items returned will be limited to the last month. The date range should be specified as <start_date>-<end_date> (e.g 2023.06.01-2023.06.04 for news items from 00:00 on June 1 to 00:00 on June 4th). If a start date is</td></tr>
</table>

		specified without an end date, the assumed end date will be the current time. For information on specifying date formats, refer to the Date format used when specifying input. If you want to filter based on different date parameters, please make use of the parameter **option** > **dateFilterField**
	feeds	This option allows you to filter the Marketplace free and paid (points) content.
	geography	Filter by geography. It is based on the Geography codes ISO-3166 https://en.wikipedia.org/wiki/List_of_ISO_3166_country_codes (it could be used the Alpha-2 and/or Alpha-3 codes)
	languages	filter by language. This parameter is used to specify the primary language associated with the news items to be retrieved. You must use a 2-letter code to specify the language. If multiple languages are specified, each must be separated by a comma. Example: language=ES, languages: ES Refer to Appendix 2 for a list of valid 2-letter language codes. Default Value: All available languages will be considered.
	maxAge	This parameter is used to provide a date limit relative to the current date and time. This filter will be translated into a date range using the current time as the starting point. This parameter should be specified in the format maxAge=<Positive Number><Unit> <Unit> can be one of the following: s – for seconds m – for minutes h – for hours D – for days Examples: maxAge=2D will retrieve results limited to the past 2 days, maxAge=6h will retrieve results from the last 6 hours. Default Value: 24h Note: When both maxAge and dateRange are specified in a request, maxAge will be ignored
	mediaTypes	Filter by mediaTypes. This parameter is used to specify the media type for the news items to be retrieved. Valid media types are T (text), P (pictures), V (video), G (graphics) and C (composite i.e. a package of content containing references to other items) and Audio. If multiple media types are specified, each should be specified in a separate query string parameter. Example: mediaTypes: TEXT, mediaTypes: PICTURE Default Value: All available media types will be considered.
	namedQueries	This option allows to search using all the options mentioned on the “filterOption” method chapter. It’s necessary to specify the named query **uri** to be used to retrieved news items.
	filters	used to insert the query uri of the namedQueries.
	source	Filter by source. Specify filter feed sources by feed code. All supported feed codes can be retrieved through the “feedSource” endpoint.
	topicCodes	Used to specify the topic codes (i.e., NewsML News2000 subject codes) associated with the news items to be retrieved. All the topic codes are available at https://liaison.reuters.com/tools/topic-codes
limit		This parameter is used to designate the maximum number of news items to be retrieved. The current limit is 100, but Reuters reserves the right to change this value at any time. If no limit is specified, the default number of news items returned will be 20.

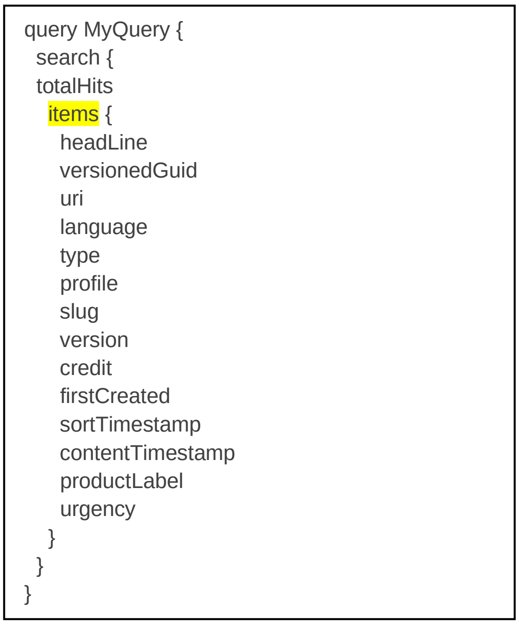
<table>
<tr><td><b>page</b></td><td></td><td>This parameter is used to designate a specific page of search results to retrieve. The first page is 1 and if no value is specified for the page parameter, the default is 1. The maximum number of news items returned per page is constrained by the limit parameter. The maximum number of page is constrained by the combination of page and limit, page * limit must be less than 2500. If the cursor parameter is specified, the page parameter will be ignored.</td></tr>
<tr><td><b>option</b></td><td></td><td></td></tr>
<tr><td></td><td>completeSentences</td><td>option to retrieve fragments as complete sentences and is defaulted to a false value.</td></tr>
<tr><td></td><td>cursorMode</td><td><b>POLL</b>
The parameter cursorMode:POLL enables periodic polling for all new content available, excluding items that have already been polled.
It is important to specify both the sort direction (sort:{direction: ASC}) and the field (field:DATE) in the cursorMode configuration to get the correct behavior.
<b>SEARCH</b>
The parameter cursorMode:SEARCH will work as the regular “cursor” mode by default.
The cursor parameter is used to specify the start position of the next page based on the query and sort criteria. Each search page returns a limited number of matching documents, and the "pageInfo" field tracks the pagination result across the search results based on current search queries and sort criteria. Repeat the same query and sort with the "endCursor" value on the last page until "hasNextPage" returns false to the page through a more extensive set of results.</td></tr>
<tr><td></td><td>dateFilterField</td><td>Allow content filtering depending on different date parameters. This parameter allows you to select which date parameter the filter “dateRange” is based on:
<table>
<tr><td>CONTENT_TIMESTAMP</td><td>Timestamp referred to as the "Date Taken" or "Original Date Time," is a piece of data that indicates the exact date and time when the photograph was taken.</td></tr>
<tr><td>FIRST_CREATED</td><td>timestamp when the first version was created</td></tr>
<tr><td>SORT_TIMESTAMP</td><td>Timestamp filed for sorting content, that corresponds to the contentTimeStamp.</td></tr>
<tr><td>VERSION_CREATED</td><td>timestamp when this version item was created</td></tr>
</table></td></tr>
<tr><td></td><td>fragmentLength</td><td>define the length of the fragment to be retrieved. The default value when not specified is 200, and the max value is 400.</td></tr>
<tr><td></td><td>previewMode</td><td>Direct: it provides the direct URL of our CDN server of the /thumbnailUrl, or /previewURL or/thumbnailUrlLarge parameters. URL TTL (Time To Live) is 5 minutes.
Redirect: it provides the non-direct URL of the /thumbnailUrl or /thumbnailUrlLarge or /previewURL parameters</td></tr>
<tr><td><b>query</b></td><td></td><td>See the Query Parameter chapter</td></tr>
<tr><td><b>sort</b></td><td></td><td>This parameter is used to designate the sort order. The supported values are “DATE”, “SCORE”, “VERSION_CREATED”, “FIRST_CREATED”, “CONTENT_TIMESTAMP”. Score is the relevance score.</td></tr>
<tr><td></td><td>direction</td><td>Ascendent or Descendent</td></tr>
<tr><td></td><td>field</td><td>
<table>
<tr><td>DATE</td><td>Timestamp filed for sorting content, that corresponds to the contentTimeStamp.</td></tr>
</table></td></tr>
</table>

<table>
<tr><td></td><td></td><td><table>
<tr><td>VERSION_CREATED</td><td>timestamp when this version item was created</td></tr>
<tr><td>FIRST_CREATED</td><td>timestamp when the first version was created</td></tr>
<tr><td>CONTENT_TIMESTAMP</td><td>Timestamp referred to as the "Date Taken" or "Original Date Time," is a piece of data that indicates the exact date and time when the photograph was taken.</td></tr>
<tr><td>SCORE</td><td>Numeric value representing the ranking of this news item within the set of total results in relation to the search criteria used. Score can be seeing using the relevance score parameter.</td></tr>
</table></td></tr>
<tr><td><b>items</b></td><td></td><td>Please refer to the <b>ItemMethod</b> chapter</td></tr>
<tr><td><b>mediaType</b>
<b>Breakdown</b></td><td></td><td></td></tr>
<tr><td></td><td>count</td><td>Provides the numeric number of items available</td></tr>
<tr><td></td><td>name</td><td>P refers to Pictures, T refers to Text, C refers to Composite, V refers to Video, A refers to Audio and G refers to Grapchis.</td></tr>
<tr><td><b>pageInfo</b></td><td></td><td>Search results page information</td></tr>
<tr><td></td><td>endCursor</td><td>endCursor token information</td></tr>
<tr><td></td><td>hasNextPage</td><td>if the search has next page or not: true or false</td></tr>
<tr><td><b>totalHits</b></td><td></td><td>Total number of findings</td></tr>
</table>

Examples

1. How to get all subscribed content or map all available items.

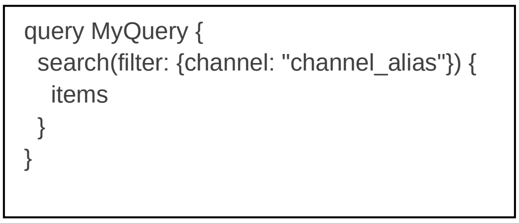
The following query allows to provide the list of all items within all channels:



```
query MyQuery {
  search {
  totalHits
    items {
      headLine
      versionedGuid
      uri
      language
      type
      profile
      slug
      version
      credit
      firstCreated
      sortTimestamp
      contentTimestamp
      productLabel
      urgency
    }
  }
}
```

2. How to retrieve content from a specific channel.

Select any channel alias from the ones shown on currentUser Method section (Example 1) and execute the following query to get the content from a specific channel, for example, channel “Reuters World News,” channel alias: “STK567” – if you know your channel alias ask our Technical Support Team.



```
query MyQuery {
  search(filter: {channel: "channel_alias"}) {
    items
  }
}
```

3. How to do a search using an interval of time (dateRange)

To get assets using an interval date, it is necessary to use the dateRange parameter.

The dateRange parameter is used to specify the date range for the news items to be retrieved. The date range should be specified as <start_date>-<end_date> (For example, 2023.03.01-2022.03.05 for news items from 00:00 on April 1 to 00:00 on April 5th). If a start date is specified without an end date, the assumed end date will be the current time.

This query will give you all the picture information of each item.

```
query MyQuery {
  search(filter: {mediaTypes: PICTURE, dateRange: "2023.03.01-2023.03.05"}) {
    items {
      byLine
      caption
      contentTimestamp
      copyrightNotice
      credit
      firstCreated
      headLine
      keyword
      language

    }
  }
}
```

4. How to get the total number of items distributed by the topicCodes: CMPNY and DIP

The Reuters World Service channel alias is STK567. All the content related to “Company News” and “Diplomacy” comes with the topic code: N2:CMPNY and N2:DIP.

```
query MyQuery {
  search(
    filter: {channel: "STK567", topicCodes: ["CMPNY", " DIP"]}
  ) {
    totalHits
     }
}
```

5. How to get the direct URL of the /previewURL or /thumbnailUrl or /thumbnailUrlLarge

- Direct URL: it provides the direct link from our CDN servers to download the thumbnail or the preview image (with watermark). URL TTL (Time To Live) is 5 minutes.
- Redirect URL: it provides the redirect URL of our CDN servers to download the thumbnail or the preview image. From here, it is necessary to check the redirection URL to see the Direct URL. URL TTL (Time To Live) is 5 minutes.

```
query MyQuery {
  search(filter: {mediaTypes: PICTURE}, option: {previewMode: DIRECT}) {
    totalHits
    items {
      previewUrl
      thumbnailUrl
    }
  }
}
```

6. How to filter for Marketplace content (free and paid/points)

This option allows you to filter the free content of our Marketplace content.

```
query MyQuery {
  search(filter: {feeds: {marketplace: FREE}}) {
    totalHits
  }
}
```

Also, you can filter to see all the Marketplace content (free and points)

```
query MyQuery {
  search(filter: {feeds: {marketplace: [FREE,PAID]}}) {
    totalHits
  }
}
```

7. How to get filter using the source feed code.

It's necessary to specify the source feed code. All supported feed codes can be retrieved through the "filterOption" endpoint. For example, filtering using the code of our contributor: Anadolu Agency.

Use the filterOptions to search for the source code as:

```
query MyQuery {
  filterOptions {
    sources {
      code
      literal
    }
  }
}
```

Filter by source code of Anadolu Agency. The code is: **ANADL**. Filter as:

```
query MyQuery {
  search(filter: {sources: "ANADL"}) {
    totalHits
  }
}
```

8. How to use the cursor parameter for pagination

The cursor parameter is used to specify the start position of the next page based on the query. Each search page returns a limited number of matching documents, and the "pageInfo" field tracks the pagination result across the search results based on current search queries and sort criteria. Use this query to get the start position of the next page using the ***endCursor*** parameter.

```
query MyQuery {
  search {
    totalHits
    pageInfo {
      endCursor
      hasNextPage
    }
  }
}
```

On your next query, use the “endCursor” token in the “cursor” parameter, and use again the “endCursor” to get the start position of the next page.

```
query MyQuery {
  search(cursor:
"WzE2ODg3NTM2NDgzNzAsInRhZzpyZXV0ZXJzLmNvbSwyMDIzOm5ld3NtbF9NVDFQQU5QMj
cyMTA2MDI4NiJd") {
    totalHits
    pageInfo {
      endCursor
      hasNextPage
    }
  }
}
```

Repeat the same query and sort with the "endCursor" value on the last page until "hasNextPage" returns false to the page through a more extensive set of results.

9. How to use the page parameter for pagination

This parameter is used to designate a specific page of search results to retrieve. The first page is 1 and if no value is specified for the page parameter, the default is 1. The maximum number of news items returned per page is constrained by the limit parameter. The maximum number of pages is constrained by the combination of page and limit, page * limit must be less than 2500. **If the cursor parameter is specified, the page parameter will be ignored.**

```
query MyQuery {
  search(page: 1, limit: 10) {
    totalHits
    items {
      uri
    }
    pageInfo {
      hasNextPage
    }
  }
}
```

10. How to search for items under the category: Business & Finance

Execute the query to search for the categories uri

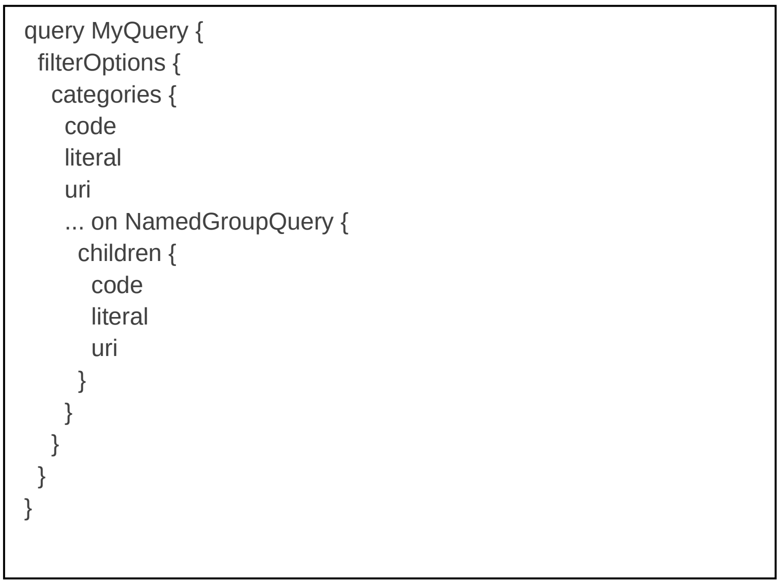
```
query MyQuery {
  filterOptions {
    categories {
      code
      literal
      uri
    }
  }
}
```

Then, it’s found that the uri is **cat://bus.** Use the search method with the nameQuieres and filter parameters to use the category uri as shown below:

```
query MyQuery2 {
  search(filter: {namedQueries: {filters: "cat://bus"}}) {
    totalHits
    items {
      headLine
      usn
      uri
    }
  }
}
```

11. How to search for items under the sub-category: Sports > Cycling

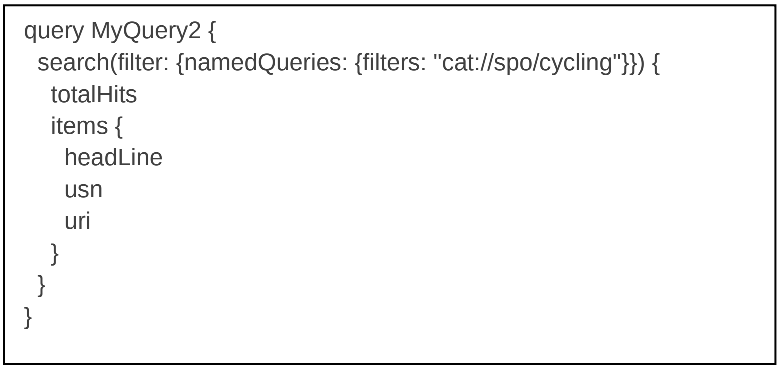
Execute the query to look for the sub-categories.



```
query MyQuery {
  filterOptions {
    categories {
      code
      literal
      uri
      ... on NamedGroupQuery {
        children {
          code
          literal
          uri
        }
      }
    }
  }
}
```

The uri of the sub-category – Politics is **cat://spo/cycling**

Use the search method, includingthe nameQuieres and filter parameters to use the category uri as shown below:

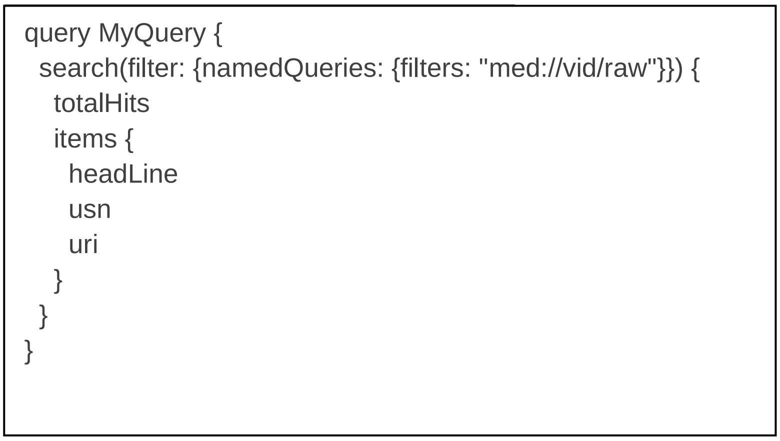


```
query MyQuery2 {
  search(filter: {namedQueries: {filters: "cat://spo/cycling"}}) {
    totalHits
    items {
      headLine
      usn
      uri
    }
  }
}
```

12. How to search for items under the media type sub-category: <u>Video > Raw</u>

Execute the query to look for the sub-categories, shown in the example 11.

The uri of the sub-category – Raw is **med://vid/raw**



```
query MyQuery {
  search(filter: {namedQueries: {filters: "med://vid/raw"}}) {
    totalHits
    items {
      headLine
      usn
      uri
    }
  }
}
```

13. How to search for two or more options. Category: Business and Source: Reuters

```
query MyQuery {
  search(filter: {namedQueries: {filters: ["cat://bus", "src://rtrs"]}}) {
    totalHits
    items {
      headLine
      uri
      usn
    }
  }
}
```

14. How to search for a sub-category of a sub-category, for example, Europe > South Europe > Spain

Execute the query to search for the uri of sub-categories of a sub-category.

```
query MyQuery {
  filterOptions {
    regions {
      code
      literal
      uri
      ... on NamedGroupQuery {
        children {
          code
          literal
          uri
          ... on NamedGroupQuery {
            uri
            children {
              code
              literal
              uri
            }
          }
        }
      }
    }
  }
}
```

Then, it’s found that the uri is **reg://europ/seu/es.** Use the search method with the nameQuieres and filter parameters to use the category uri as shown below:

```
query MyQuery2 {
  search(filter: {namedQueries: {filters: "reg://europ/seu/es"}})
{
    totalHits
    items {
      headLine
      usn
      uri
    }
  }
}
```

15. How to do a query search using variables

The below query allows you to use variables. In this case, the variables are the “page” parameter and the “limit” parameter. The query allows you to search for picture items under a dateRange using specific topic codes.

```
query MyQuery ($pageAmount: Int, $limitAmount: Int) {
search(option: {previewMode: DIRECT}, page: $pageAmount, limit: $limitAmount,query: "main: pope",
filter: {mediaTypes: PICTURE, dateRange: "1800.01.01-2023.09.07", topicCodes: ["SPO", "SCI", "REL",
"POL", "ODD", "DIS", "CRIM", "CLJ", "CWP", "ENT"]}, ) {
        items {
                slug
                byLine
                credit
                firstCreated
                keyword
                uri
                type
                headLine
                caption
                usageTerms
                thumbnailUrl
                previewUrl
                copyrightHolder
                copyrightNotice
                usn
        }
                totalHits,

        }
}

Variables

{
  "pageAmount": 2,
  "limitAmount": 5

}
```

16. How to get the top 10 items from an Online Reports/Reuters Ready channels

Make a search to the channel alias and get the id of the Link List item. The headline should show as: “OXXX Link List”

Execute the query to search for the uri and headline under a specific channel.

```
query MyQuery {
  search(filter: {channel: "channel_alias", mediaTypes: COMPOSITE} {
    items {
      uri
      versionedGuid
      type
      headLine
    }
  }
}
```

The Link List item headline shows as: "headLine": "OXXXX Link List"

Then, make a query using the Link List uri and call their associations.

```
query MyQuery {
  item(id: "link_list_uri") {
    associations {
      byLine
      copyrightNotice
      versionCreated
      fragment
      headLine
      caption
      versionedGuid
      uri
      language
      type
      profile
      slug
      usageTerms
      usageTermsRole
      version
      credit
      usn
      position
      intro
    }
  }
}
```

17. How to search by first_created parameter

Execute the query to search for items based on the first_created parameter

```
query MyQuery {
  search(
    filter: {dateRange: "2000.01.01-2000.01.10"}
    option: {dateFilterField: FIRST_CREATED}
  ) {
    items {
      uri
      contentCreated
      contentTimestamp
      sortTimestamp
      firstCreated
      relevanceScore
    }
  }
}
```

18. How to search by first_created parameter and sort by version_created parameter

Execute the query to search for items based on the first_created and sort by version_created.

```
query MyQuery {
  search(
    filter: {dateRange: "2000.01.01-2000.01.10"}
    option: {dateFilterField: FIRST_CREATED}
    sort: {direction: ASC, field: VERSION_CREATED}
  ) {
    items {
      uri
      contentCreated
      contentTimestamp
      sortTimestamp
      firstCreated
      relevanceScore
    }
  }
}
```

19. How to use the cursorMode:POLL to periodically poll for new content, excluding items that have already been polled.

The parameter cursorMode:POLL enables periodic polling for all new content available, excluding items that have already been polled.

- It is important to specify both the **sort** direction (sort:{direction: ASC}) and the **field** (field:DATE) in the cursorMode configuration to get the correct behavior.
- The cursor changes with every page, especially when reaching the last page.
- When there are no new items, the last page can have zero items.
- The "**hasNextPage**" flag will be false if there are no more items, but new items can still appear on the current page if the limit parameter is not reached.
- Values show up on the same page if the limit parameter is greater than the number of results on the last page. In other words, the new results will appear at the end of this page, and **hasNextPage=false**.
- Values show up on a new page with **hasNextPage=true** if the limit parameter value is lower than the number of results on the last page.

For example, if the current date is *June 26, 2025* and you wish to poll for the last 30 minutes, your first request to get the **endCursor** would be as follows:

```
query pullToken {
search(
option: {cursorMode: POLL}
filter: {channel: "STK567", dateRange: "2025.06.26.10.00-2025.06.26.10.30"}
sort: {direction: ASC, field: DATE}
query: "slug:\"IRAN-NUCLEAR\""
) {
totalHits
pageInfo {
hasNextPage
endCursor
}
items {
contentTimestamp
slug
}
}
}
```

You will get an **endCursor** value in the query response. If the **hastNextPage=true**, it means that there are more results on the following pages.
If the **hasNextPage=false**, the current page contains all the results.

Assuming you get hasNextPage=true, the following query should contain the “cursor” parameter with the endCursor value of the previous query as:

```
query pullToken2 {
  search(
    option: {cursorMode: POLL}
    filter: {channel: "STK567", dateRange: "2025.06.26.10.00-2025.06.10.30"}
    sort: {direction: ASC, field: DATE}

cursor:"WzE3NDkxNTYzMTA1OTAsInRhZzpyZXV0ZXJzLmNvbSwyMDI1Om5ld3NtbF9
GV04zUzgwS1kiXQ=="
    query: "slug:\"IRAN-NUCLEAR\""
  ) {
    totalHits
    pageInfo {
      hasNextPage
      endCursor
    }
    items {
      contentTimestamp
      slug
    }
  }
}
```

Repeat the above query until the **hastNextPage=false**, which means no more new items are available).

It is suggested that you repeat all the steps in this procedure at a regular interval (for example, every 60 seconds) to ensure that you continually obtain new content.

Query Parameter

This parameter is a string used to specify the attributes by which the news items returned should be filtered.

The query parameter filters are specified in the following manner:

[filter1_name]:[filter1_value]||[filter2_name]:[filter2_value]

Note: If multiple filters are used, each must be separated by the || (double pipe) delimit.

For the query filter parameter, escaped quotation marks for matching text are required.
For example; slug:\"reuters-next\"
For example; main: \"joe biden\"

The query parameter can be used with the following filters.

headline	**Used to specify the required/optional keywords that must/may be contained within the headline of the news items that are retrieved.**
slug	used to specify the required/optional keywords that must/may be contained within the slug of the news items that are retrieved.
body	used to specify the required/optional keywords that must/may be contained within the body of the news items that are retrieved.
caption	used to specify the keywords contained within the caption of the news items that are retrieved. Caption is only valid for Picture and Graphic content.
id	used to specify one of the following news item identifiers by which to retrieve news items. Valid news item identifiers are: id, guid, USN, OTR, IID, SID and editNumber.
topic	used to specify the topic codes (i.e., NewsML News2000 subject codes) associated with the news items to be retrieved.
company	used to specify company names that should be contained within the metadata of the news items that are retrieved.
company code	used to specify company codes that should be contained within the metadata of the retrieved news items. The company codes are listed here.
people	used to specify people's names that should be contained within the metadata of the retrieved news items.
transcript	used to specify the keywords that may be contained within the news item transcript.
Transcript translation	used to specify the keywords that may be contained within the transcript translation of a news item.
country	used to specify the country/region that may be contained within the metadata of the news items.
signal	used to specify the signal codes (i.e., NewsML signal codes) associated with the news items to be retrieved. For example, for the life cycle of our content, signals such as: edStat:N for new content edStat:U, for updated content edStat:C, for corrected content edStat:D, for deleted content. For video signals, find here the latest ones.
fulltext	used to specify the keywords that may be contained within one or more of the following fields of the news items that are retrieved: body, headline, caption, slug, id, topic, signal.
main	used to specify the keywords that may be contained within one or more of the following fields of the news items that are retrieved: body, headline, caption, id, topic, signal, slug, keyword, alt_id, geography, company, people.
priority	Used to filter based on items priority. Where 1 is the highest priority and 9 is the lowest. In the XML file the priority parameters is equivalent to urgency parameter.

Filter Options

Boolean operators - Reuters supports the use of AND, OR and AND NOT to refine the way terms with a search are applied.

Grouping (nesting) – Reuters allows you to use the parenthesis symbols ( ) to group/nest terms and/or phrases within a search. For example, if your search contained, “bird flu” AND (China OR europe) AND immunizations it would mean that you wanted all news items containing the phrase bird flu and the term immunizations and either the term China or Europe.

Inclusion / Exclusion modifiers (+, -) - Reuters supports the use of modifiers to explicitly require that data specified by a particular filter be included in or excluded from the news items returned.

- The plus symbol (+) indicates that the data specified after the “+” symbol must be present somewhere in the news items returned.

Example: To search for documents that must contain “cricket” and may contain “England”, use the query: +cricket England

- The minus symbol (-) indicates that the data specified by the filter must NOT be present in the news items returned.

Example: To search for documents that contain “cricket” but not “England”, use the query: cricket –England

Note: The absence of either a plus or minus symbol indicates that the data specified by the filter is optional (although the presence of this data in a news item will increase its score)

Wildcards

The Reuters API supports the use of the * (asterisk) and ? (question mark) wildcards within search terms.

The asterisk character (*) is used to substitute for zero or more characters. The ? (question mark) is used to substitute for any single character.

headline, slug, body and caption will search for “containing” keywords while the **signal** will look for exact matches.

Reuters does not support the use of wildcard characters at the beginning of a single search term or within an explicit phrase (Example: “board of health”).

Examples

1. How to do a search/query using two parameters

The following query allows to search using the topic code for Sports, which is SPO, and for a word in the headline, in this case: nadal.

```
query MyQuery {
    search(query: "topic:SPO||+headline:nadal") {
    items {
      channels
      intro
      language
      slug
      type
      firstCreated
      headLine
      destination
      fragment
      urgency
    }
    totalHits
  }
}
```

2. How to search for two words within the Headline parameter

The following query allows to search for two words within the Headline parameter using a Boolean operator.

```
query MyQuery {
  search(query: "headline:(cycling OR france)") {
    items
  }
}
```

3. How to search using one parameter and filtering by media type

The following query allows to search using one parameter and filter by MediaType.

```
query MyQuery {
  search(query: "headline:Spain", filter: {mediaTypes: TEXT}) {
    items {
      headLine
      language
      position
      renditions {
        ... on ImageRendition {
          mimeType
          fileName
        }
      }
    }
  }
}
```

4. How to search two or more media types:

The following query allows searching two different media types, such as text or picture, for example.

```
query MyQuery {
  search(filter: {mediaTypes: [TEXT, PICTURE]}) {
    items {
      byLine
    }
  }
}
```

5. How to search two or more channel alias:

```
query MyQuery {
  search(filter: {channel: ["fal605", "gzy495"]})  {
items {
      versionedGuid
    }
  }
}
```

6. How to get the total number of RAW clips with the slug: “Reuters-Next”

```
query MyQuery {
  search(query: "slug:\"reuters-next\"") {
    totalHits
  }
}
```

7. How to query using the item USN supplied by Reuters

For example, Picture USN: RC2Y5X9RVD61. Use the parameter “signal” to retrieve the edit status (edStat).

```
query MyQuery {
  search(query:
"id:RC2Y5X9RVD61") {
    items {
      uri
      signal
    }
  }}
```

8. How to query using the item signal.

To search for the complete list of pictures with the edStat:D, including the picture id (usn), signal and URI information, the query should be:

```
query MyQuery {
  search(query: "signal:\"edStat:D\"") {
    items {
      Uri
     signal
     usn
    }
  }
```

9. How to query using the item ID

This query allows you to search using the item_id; itemID: tag:reuters.com,2022:newsml_RC22XX9RKI89:468160593

```
query MyQuery {
  search(query: "id:\" tag:reuters.com,2022:newsml_RC22XX9RKI89:468160593\"") {
    items {
      Uri
      signal
      usn
    }
  }
```

10. How to query using the priority/urgency parameter.

The item priority, restricted to the values 1-9 (inclusive), where 1 is the highest priority and 9 is the lowest. Priority would be used by a transmission system to determine the order in which a message is transmitted, relative to others in a queue. Urgency is an editorial judgement expressing the relative news value of an item.

```
query MyQuery {
  search(query: "priority:1") {
    totalHits
     }
}
```

11. How to query using wildcards.

The use of the * (asterisk) can be used within search terms as wildcards. The asterisk character (*) is used to substitute for zero or more characters.
For example, if you want to search for items similar to the id: L4N3A62FI; it’s possible to add the * (asterisk) at the beginning and end.

```
query MyQuery {
  search(query: "id:*4N3A62F*") {
    items {
      versionedGuid
    }
  }
}
```

The question mark (?) is used to substitute for any single character. For example, looking for the item id UP1EJ8P0ZF1I5. Make us of the same length of characters.

```
query MyQuery {
  search(query: "id:UP1EJ8P0Z????") {
    items {
      versionedGuid
    }
  }
}
```

Also, could be used for headline, slug, body, and caption. The API will search for “containing” keywords.

```
query MyQuery {
  search(query: "headline:soc??r") {
    items {
      headLine
    }
  }
}
```

An example, using the caption parameter and the ? (question mark).

```
query MyQuery {
  search(query: "caption:ge?m?ny") {
    items {
      headLine
      caption
    }
  }
}
```

12. How to exclude content

If you want to exclude content out of the search results, as for example, exclude content that contains the words “Link List” within the headline, please make a query as follow.

```
query excludeContent {
  search(
    filter: {channel: "channel_alias", mediaTypes: COMPOSITE}
    query: "-headline:\"Link List\""
    limit: 100
  ) {
    items {
      uri
      versionedGuid
      type
      headLine
      contentTimestamp
    }
  }
}
```

Mutation Method

The mutation parameter is an operation of GraphQL used in our case to download content.

download			**To any item rendition**
	isWatermarked		To retrieve an image with the watermark (not applied to videos)
		true	If true is selected, it will generate a Watermark rendition of the item
		false	If false is selected, it will not generate a Watermark rendition of the item
	itemID		Corresponds to the item versionedGuid
	rendtionID		Corresponds to the rendition uri of the item
	Type	Text, picture, video, audio, etc.	Deprecated (not necessary to include it)
	Type		Display the type of item
	GenericItem		
		url	Download URL
		type	Type of item requested
	Interactive		
		embededCode	Embedded code for Interactive content
		type	Tye of item requested
downloadPackage			Download the package of an item
	itemID		VersionedGuide of the package
	Ulr		Download URL
	Status		Status of the package request
downloadStoryText			Download the item full text.
	itemId		Corresponds to the item versionedGuid
	Type		Display the type of item
	GenericItem		
		type	Display the type of item
		url	Download URL

Examples

1. How to perform a mutation/download – Text Item (fetch items)

The following query allows to download a text item (XML) file

```
mutation MyMutation {
  download(
    itemId: "item_ID"
    renditionId: "item_ID"
     ) {
    ... on GenericItem {
      url
      type
    }
  }
}
```

2. How to perform a mutation/download – Package (fetch items)

The following query allows to download an item package

```
mutation MyMutation {
  downloadPackage(itemId: "ITEM_ID") {
    url
  }
}
```

3. How to perform a mutation/download of an image renditions

The following query allows to download a picture rendition.
There are four pictures' renditions (viewImage, thumbnail, baseImage and limitedImage – see Appendix 1).

To download the rendition "limitedImage", for example, the mutation query is as follow; within the itemID use the versionedGuid of the picture and within the renditionID use the uri of the LIMITED rendition.

For example, itemID of the picture: tag:reuters.com,2021:newsml_RC2ZJN92Q51R:1904928654
uri of the LIMITED rendition: tag:reuters.com,2021:binary_RC2ZJN92Q51R-LIMITEDIMAGE

```
mutation MyMutation {
  download(
    itemId: "tag:reuters.com,2021:newsml_RC2ZJN92Q51R:1904928654"
    renditionId: "tag:reuters.com,2021:binary_RC2ZJN92Q51R-LIMITEDIMAGE"
      ) {
    ... on GenericItem {
      url
    }
  }
}
```

4. How to perform a mutation/download of a video renditions

There are plenty of video renditions, see our Appendix 1.

To download the rendition “hd1080i50”, for example, the mutation query is as follow; within the itemID use the ID of the video and within the renditionID use the uri of the video rendition.

For example, itemID of the video: *tag:reuters.com,2022:newsml_WD601320062022RP1:4*

uri of the video rendition: *tag:reuters.com,2022:binary_LWD601320062022RP1-STREAM:13756:16X9:HD1080I50:MP4*

```
mutation MyMutation {
  download(itemId: "tag:reuters.com,2022:newsml_WD601320062022RP1:4",
renditionId: " tag:reuters.com,2022:binary_LWD601320062022RP1-
STREAM:13756:16X9:HD1080I50:MP4") {
    ... on GenericItem {
      url
      type
    }
  }
}
```

5. How to perform a mutation/download of an image

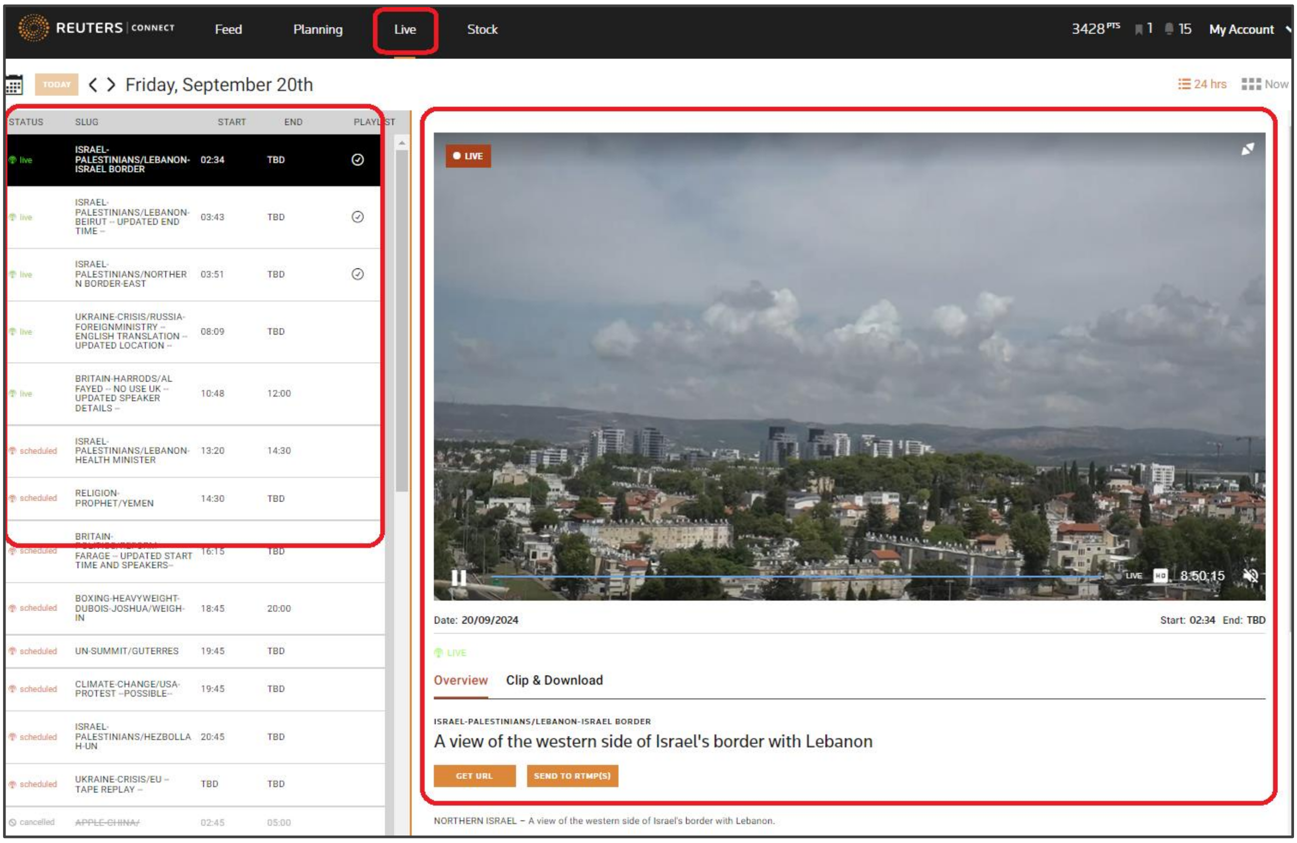
```
mutation MyMutation {
  download(
    isWatermarked: true
    itemId: "item_ID"
    renditionId: "uri_renditionID"
  ) {
    type
    ... on GenericItem {
      url
    }
  }
}
```

Live API

This section is designed to be used by developers, who will write and implement the code that interfaces with the Reuters Live video streams. The Reuters API includes a reference implementation of the Live Production Exchange (LPX) recommendation for live video.

Reuters Live streams are currently available for HLS, and, RTMP.

Reuters Live streams are also available under the Live tab on the www.reutersconnect.com website as shown below:



STATUS	SLUG	START	END	PLAYLIST
live	ISRAEL-PALESTINIANS/LEBANON-ISRAEL BORDER	02:34	TBD	✓
live	ISRAEL-PALESTINIANS/LEBANON-BEIRUT -- UPDATED END TIME --	03:43	TBD	✓
live	ISRAEL-PALESTINIANS/NORTHERN BORDER-EAST	03:51	TBD	✓
live	UKRAINE-CRISIS/RUSSIA-FOREIGNMINISTRY -- ENGLISH TRANSLATION -- UPDATED LOCATION --	08:09	TBD	
live	BRITAIN-HARRODS/AL FAYED -- NO USE UK -- UPDATED SPEAKER DETAILS --	10:48	12:00	
scheduled	ISRAEL-PALESTINIANS/LEBANON-HEALTH MINISTER	13:20	14:30	
scheduled	RELIGION-PROPHET/YEMEN	14:30	TBD	
scheduled	BRITAIN-POLITICS/REFORM-FARAGE -- UPDATED START TIME AND SPEAKERS--	16:15	TBD	
scheduled	BOXING-HEAVYWEIGHT-DUBOIS-JOSHUA/WEIGH-IN	18:45	20:00	
scheduled	UN-SUMMIT/GUTERRES	19:45	TBD	
scheduled	CLIMATE-CHANGE/USA-PROTEST --POSSIBLE--	19:45	TBD	
scheduled	ISRAEL-PALESTINIANS/HEZBOLLAH-UN	20:45	TBD	
scheduled	UKRAINE-CRISIS/EU -- TAPE REPLAY --	TBD	TBD	
cancelled	~~APPLE-CHINA/~~	02:45	05:00	

Date: 20/09/2024

Start: 02:34 End: TBD

LIVE

Overview Clip & Download

ISRAEL-PALESTINIANS/LEBANON-ISRAEL BORDER

A view of the western side of Israel's border with Lebanon

GET URL SEND TO RTMP(S)

NORTHERN ISRAEL – A view of the western side of Israel's border with Lebanon.

LIVE VIDEO SIGNALS QUICK REFERENCE QUIDE

This section shows up the most important queries to retrieve the video live signals information via the Reuters API after getting authentication token.

1. **How to retrieve the start/end date and event status of the live events**

```
query MyQuery {
  liveEvents {
    events {
      id
      headline
      eventStatus
      eventDetails {
        dates {
          startDate
          endDate
        }
      }
    }
  }
}
```

2. **How to retrieve an event rendition**

```
query MyQuery {
  liveEvents {
    events {
      renditions {
        code
        name
        frameRate
        scanType
        aspectRatio
        frameSize
        minBitrate
        maxBitrate
        bitrate
       }
    }
  }
}
```

3. How to subscribe to an event and get back an HLS URL

To subscribe to an event, it’s required to have the “eventId" and the rendition “code”.

For example,

eventId: "1c104b45-6b07-41ee-8e78-d3793a9172a4"

code: "hls:29.97"

```
mutation MyMutation {
  liveEventSubscribe(
    eventId: "1c104b45-6b07-41ee-8e78-d3793a9172a4"
    renditionCode: "hls:29.97"
  ) {
    subscriptionId
    url
  }
}
```

4. How to subscribe to an event and get back an RTMP stream

To subscribe to an event, it’s required to have the “eventId" and the rendition “code”.

For example,

eventId: "1c104b45-6b07-41ee-8e78-d3793a9172a4"

code: " rtmp:29.97:4096"

And it’s required to provide the RTMP destination URL and RTMP stream key.

The “rtmpDestinationUrl” should be structured as: RTMP destination URL + RTMP stream key, such as: rtmps://your.server.com:port/your.app/your.stream.key

For example, the following mutation is to push a stream to Facebook, where the:

RTMP server URL: rtmps://live-api-s.facebook.com:443/rtmp/

Stream key: FB-1561648428024292-0-AbzMquS2JFKB6k1L

```
mutation MyMutation {
  liveEventSubscribe(
    eventId: "1c104b45-6b07-41ee-8e78-d3793a9172a4"
    renditionCode: "rtmp:29.97:4096"
    rtmpDestinationUrl: "rtmps://live-api-s.facebook.com:443/rtmp/ FB-1561648428024292-
0-AbzMquS2JFKB6k1L"
    ) {
    subscriptionId
    url
  }
}
```

5. How to unsubscribe from an event

To unsubscribe to an event, it’s required to use the “subscriptionId” provided on the mutation response of “liveEventSubscribe”. See the preview query.

```
mutation MyMutation {
  liveEventUnsubscribe(subscriptionId: "d3793a9172a4") {
    message
  }
}
```

liveEvents Method

The liveEvents method obtains all the live event information via the API, such as status, headline, usage terms, event details (duration, start date, end date), and more.

	PARAMETERS			TYPE	DEFINITION	JSON REPRESENTATION
channels				String	Filter based on the customer-subscribed channels.	"jbh288"
cursor				String	The cursor parameter is used to specify the start position of the next page based on the query and sort criteria. Each search page returns a limited number of matching documents, and the "pageInfo" field tracks the pagination result across the search results based on current search queries and sort criteria. Repeat the same query and sort with the "endCursor" value on the last page until "hasNextPage" returns false to the page through a more extensive set of results.	"WzE3MTgxMDA1NDAxXJzL mNvbSwyMDI0Om5ld3NtbF9L QkU5OVQwM1kiXQ=="
dateRange				String	To filter using dates. The date range should be specified as <start_date>-<end_date>. Date format. YYYY-MM-DD.	"2024.01.01-2024.02.02"
event **Identifiers**				Scalar	To filter using a live event by id, uri or usn.	"uri": "9767edef-d472-4109-aaa5-1260424bd0d3"
limit				Int	This parameter is used to designate the maximum number of news items to be retrieved. The current limit is 100, but Reuters reserves the right to change this value at any time. If no limit is specified, the default number of news items returned will be 20.	"10"
page				Int	This parameter is used to designate a specific page of search results to retrieve. The first	"2"

					page is 1 and if no value is specified for the page parameter, the default is 1. The maximum number of news items returned per page is constrained by the limit parameter. The maximum number of page is constrained by the combination of page and limit, page * limit must be less than 2500. If the cursor parameter is specified, the page parameter will be ignored.	
events				Object	Live event results	events:{}
	contentCreated			Scalar	The date and time when this live event was created	"contentCreated": "2024-02-05T17:07:25.599Z"
	copyrightHolder			String	Corporation for the time being in possession of the copyright of the live event.	"copyrightHolder": "Thomson Reuters"
	copyrightNotice			String	Any necessary copyright notice for claiming the intellectual property for the live event.	"copyrightNotice": “(c) 2024 Thomson Reuters, unless otherwise identified. Full statement available at https://www.thomsonreuters.com /en/policies/copyright.html”
	eventDetails			Object	Property containing details of the event.	eventDetails:{}
		dates		Scalar	Dates and times for this event.	"dates": {}
			startDate	Scalar	The start date of live event.	"startDate": "2024-02-07T12:07:02.000Z"
			endDate	Scalar	The end date of the live event	"endDate": "2024-02-12T17:55:06.000Z"
			expected Duration	String	Duration of the live event	"duration": "5 Days 5 Hours 48 Minutes"
		eventStatus		Enum	Status of the event, categories are: Cancelled, Scheduled, Live, and Completed.	"eventStatus": "canceled"
	genre			Object	Genre codes indicate the nature of the live event, not specifically its content.	
			name	String	Genre name	"Sport news"
			code	String	Genre topic or category code	N2: SPO

			literal	String	Genre literal name	
	headline			String	A brief and snappy introduction to the content, designed to catch the reader's attention.	“headline” : “Nikki Haley bus tour in Bamberg, South Carolina
	id			String	Live event stream unique identifier	"id": "9767edef-d472-4109-aaa5-1260424bd0d3"
	language			String	language of the live item	"language": "en"
	located			String	The location where the live event happens.	“location” : “BAMBERG, SOUTH CAROLINA
	renditions			Object	An array of objects, each of which is a rendition of the event. The **Appendix 5** contains all the rendition list.	
		aspectRatio		String	Live event aspect ratio. We only offer a 16:9 aspect ratio.	"16:9"
		bitrate		String	Signal bitrate. There are different options.	"8000Kbps"
		code		String	Live video profile code. There are different options. Unique identifier	"hls:29.97"
		frameRate		String	Live event frame rate. There are different options.	"29.97"
		frameSize		String	Live event frame Size	"1920x1080"
		minBitrate		String	Minimum bitrate provided	"200Kbps"
		maxBitrate		String	Maximum bitrate provided	"4Mbps"
		name		String	Live video profile name.	"200Kbps-4Mbps Video: 1080p29.97 h.264"
		scanType		String	Live event scan type. We only offer progressive scan type.	"progressive"
	slugline			String	Item slug or short name used to identify an event. Slugs are a Reuters editorial mechanism used to standardize content by event. They are combinations of 2 or 3 words describing a news event – a string of keywords. For example, GLOBAL-CLIMATECHANGE/	“slugline”: “NATO-DEFENCE/STOLTENBERG”
	topic			String	Indicates subject of the event	“Topic” : “Politics / International Affairs”
	uri			String	Live event story unique number	"uri": "tag:reuters.com,2024: Newsml_ADKQ4TP20"

	usageTerms			String	Usage terms of the live event, it will display the live event restrictions.	"usageTerms": "Broadcast: No use UK, Digital: No use UK"
	usn			String	Live event story unique number. Same identifier as the uri	"usn": "ADKQ4TP20"
	version			String	Version of the live event	"version": "681326751"
	versionCreated			Scalar	Date when the current version was created	"versionCreated": "2024-02-14T17:55:06.000Z"
pageInfo				Object	Search results page information	
	endCursor			String	endCursor token information	"WzE3MTgxMDA1NDAxXJzL mNvbSwyMDI0Om5ld3NtbF9L QkU5OVQwM1kiXQ=="
	hasNextPage			Boolean	if the search has next page or not: true or false	"true"
totalHits				Scalar	Total number of findings	"8"

Examples

1. How to retrieve the start/end date and event status of the live events

```
query MyQuery {
  liveEvents {
    events {
      id
      headline
      eventStatus
      eventDetails {
        dates {
          startDate
          endDate
        }
      }
    }
  }
}
```

2. How to retrieve live events using the dateRange

The dateRange criteria should be specified as <start_date>-<end_date>.

Date format. YYYY-MM-DD.

```
query MyQuery {
  liveEvents(dateRange: "2024.09.01-2024.09.05") {
    totalHits
    events {
      eventDetails {
        dates {
          endDate
        }
      }
    }
  }
}
```

3. How to retrieve an event rendition

The complete list of stream renditions is on the Appendix 5.

```
query MyQuery {
  liveEvents {
    events {
      renditions {
        code
        name
        frameRate
        scanType
        aspectRatio
        frameSize
        minBitrate
        maxBitrate
        bitrate
      }
    }
  }
}
```

4. How to filter content based on event uri, id or usn

The following query allows you to filter content based on event uri, id or usn.

The three identifiers may look like:

"id": "f0191d53-8be7-4674-b593-17b5d162e842",
"uri": "tag:reuters.com,2024:newsml_ADKQ9DK9K",
"usn": "ADKQ9DK9K"

The following query is using the uri.

```
query MyQuery {
  liveEvents(eventIdentifiers: "\"tag:reuters.com,2024:newsml_ADKQ9DK9\"") {
    events {
      headline
      language
      located
    }
  }
}
```

The following query is using the usn.

```
query MyQuery {
  liveEvents(eventIdentifiers: "ADKQ9DK9") {
    events {
      headline
      language
      located
    }
  }
}
```

liveEventSubscriptions Method

The liveEventSubscriptions method is used to provide information about existing live event subscriptions of an API user.

PARAMETERS			TYPE	DEFINITION	JSON REPRSENTATION
dateRange			String	To filter using dates. The date range should be specified as <start_date>-<end_date>. Date format. YYYY-MM-DD.	
eventIds			Scalar	To filter using live event ids (unique identifiers per event)	"2554f23f-05a1-435c-ab5b-adf614025d20"
types			Enum	To filter based on the type of subscription (HLS, HDS, RTMP)	
	eventId		Spring	The unique identifier of the event	
	subscriptions		Object	Property containing details of subscriptions	
		renditionCode	String	Identifier of a particular rendition of an event	"hls:29.97"
		rtmpUserName	String	Username parameter for the RTMP destination in a push subscription request	
		subscriptionId	String	Unique identifier of the event	"3c9802025ee68bdb120f"
		url	String	Location to the content rendition for a pull rendition (e.g HLS)	

Examples

1) How to get the current live events the API user is subscribed to:

```
query MyQuery {
  liveEventSubscriptions {
    eventId
    subscriptions {
      subscriptionId
      renditionCode
      url
      rtmpUserName
    }
  }
}
```

Mutation Method for Lives

The mutation method used for lives allows you to subscribe and unsubscribe to a live event.

PARAMETERS			TYPE	DEFINITION	JSON REPRESENTATION
liveEventSubscribe			Object		
	eventId		Scalar	Event identifier	"1140e03a-05e1-4d80-b4a0-89698434b028"
	renditionCode		String	Stream bitrate	"hls:29.97"
	rtmpDestinationUrl		String	RTMP server URL	
	rtmpPassword		String	RTMP server stream ID	
	rtmpUserName		String	RTMP destination name	
	srtDestinationUrl		String	Target URL, eg. srt://your.server.com:portnumber/your.stream.key	
	srtKeyLength		String	Your encryption key length with algorithm, e.g. AES_128, AES_192, AES_196, need to match your receivers setting	
	srtPassPhrase		String	Your encryption passphrase	
		subscriptionId	String	Event identifier	"c6d2af76b714bcb6490a"
		url	String	Live stream URL	"https://d3cgfqae8o6oiw.cloudfront.net/RL/smil:EU-1140e03a-05e1-4d80-b4a0-89698434b028.smil/38563249092345572113707536214628957630wsauy2xfxsfli8y9viamv8579l/playlist.m3u8"
liveEventUnsubscribe			Object		
	subscriptionId		String	Event identifier	"1140e03a-05e1-4d80-b4a0-89698434b028"
		message	String	Message from the Reuters Live stream server	"Subscription c6d2af76b714bcb6490a is removed"

Examples

1) How to get the HLS live stream URL

The first step is to subscribe to an event.

To subscribe to an event, it’s required to have the “eventId" and the rendition “code”.

For example,

To get the “eventId" and the rendition “code”, use the following query:

```
query MyQuery {
  liveEvents {
    events {
      headline
      id
      renditions {
        code
      }
    }
  }
}
```

From the response get the following parameters

eventId: "1c104b45-6b07-41ee-8e78-d3793a9172a4"

code: "hls:29.97"

To generate the live video stream URL, use the following query:

```
mutation MyMutation {
  liveEventSubscribe(
    eventId: "1c104b45-6b07-41ee-8e78-d3793a9172a4"
    renditionCode: "hls:29.97"
  ) {
    subscriptionId
    url
  }
}
```

2) How to push a live stream via RTMP:

Use the following mutation to subscribe to an event and push a live stream via RTMP.

To subscribe to an event, it’s required to have the “eventId" and the rendition “code” using the liveEvents method as shown below.

To get the “eventId" and the rendition “code”, use the following query:

```
query MyQuery {
  liveEvents {
    events {
      headline
      id
      renditions {
        code
      }
    }
  }
}
```

From the response get the following parameters, for example,

eventId: "1c104b45-6b07-41ee-8e78-d3793a9172a4"
code: " rtmp:29.97:4096"

And it’s required to provide the RTMP destination URL and RTMP stream key.

The “rtmpDestinationUrl” should be structured as: RTMP destination URL + RTMP stream key, such as: rtmps://your.server.com:port/your.app/your.stream.key

For example, the following mutation is to push a stream to Facebook, where the:

RTMP server URL: rtmps://live-api-s.facebook.com:443/rtmp/
Stream key: FB-1561648428024292-0-AbzMquS2JFKB6k1L

```
mutation MyMutation {
  liveEventSubscribe(
    eventId: "1c104b45-6b07-41ee-8e78-d3793a9172a4"
    renditionCode: "rtmp:29.97:4096"
    rtmpDestinationUrl: "rtmps://live-api-s.facebook.com:443/rtmp/ FB-1561648428024292-0-AbzMquS2JFKB6k1L"
    ) {
    subscriptionId
    url
  }
}
```

4) How to unsubscribe to a live event

To unsubscribe to an event, it’s required to use the “subscriptionId” provided on the mutation response of “liveEventSubscribe”. See the preview query.

```
mutation MyMutation2 {
  liveEventUnsubscribe(subscriptionId: "3c9802025ee68bdb120f") {
    message
  }
}
```

API Points Usage

How to assign points to an API user via the Reuters Connect website.

This section explains the possible subscription scenarios for the Reuters Marketplace content (points). The Marketplace content consists of the content provided by our 3rd party Contributors.

There are three possible scenarios for the API users.

Scenario 1; API user isn't a Marketplace subscriber.

Your organization isn't a Marketplace points content subscriber. It means that your API user can search within the Marketplace content but can't download points content but can filter for the FREE content.
To filter for FREE content, look at chapter **Search Method**, example: 6.

If your organization is a Marketplace (points) content subscriber, and you would like to download the Marketplace content via the API, there are two possible scenarios 2 and 3.

Scenario 2; API user is a Marketplace subscriber. Don't need to control the API points usage.

Your organization doesn't have a Reuters Connect points Administrator but is a Marketplace points content subscriber, which means all the points available are accessible to the API user and all the Reuters Connect account users. If you want to assign a Reuters Connect user as a points Administrator, please get in touch with our Support Team at ReutersMediaSupport@thomsonreuters.com

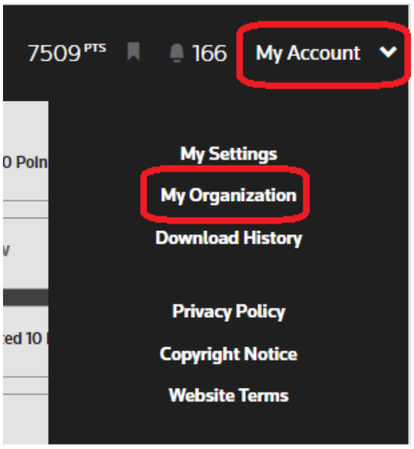
Once there is a points Administrator user, please follow *Scenario 3* steps.

Scenario 3; API user is a Marketplace subscriber. Wants to control the API points usage.

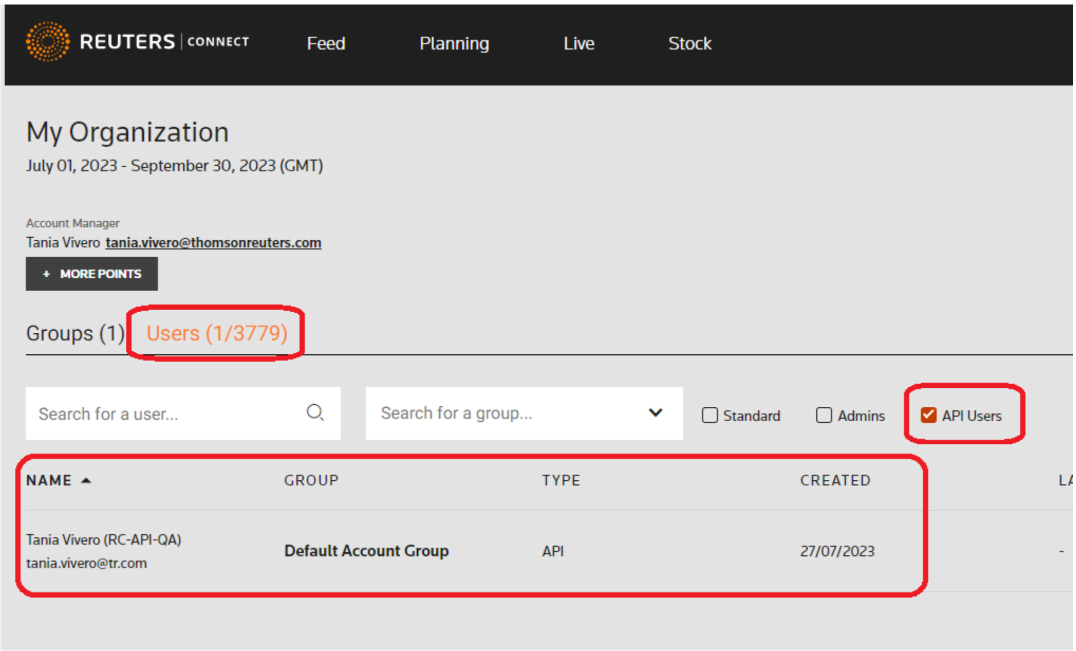
Your organization does have a Reuters Connect points Administrator, which means that it is necessary to assign points to your API user if you want to download Marketplace content via the API.

To assign points to your API user, follow these steps:

1. The Reuters Connect User points Administrator should access the "My Organization" page https://www.reutersconnect.com/my-organization as shown below:



2. Verify that you can see your API user on the Reuters Connect website "My Organization" page. Click over Users, and select only API users as shown below:



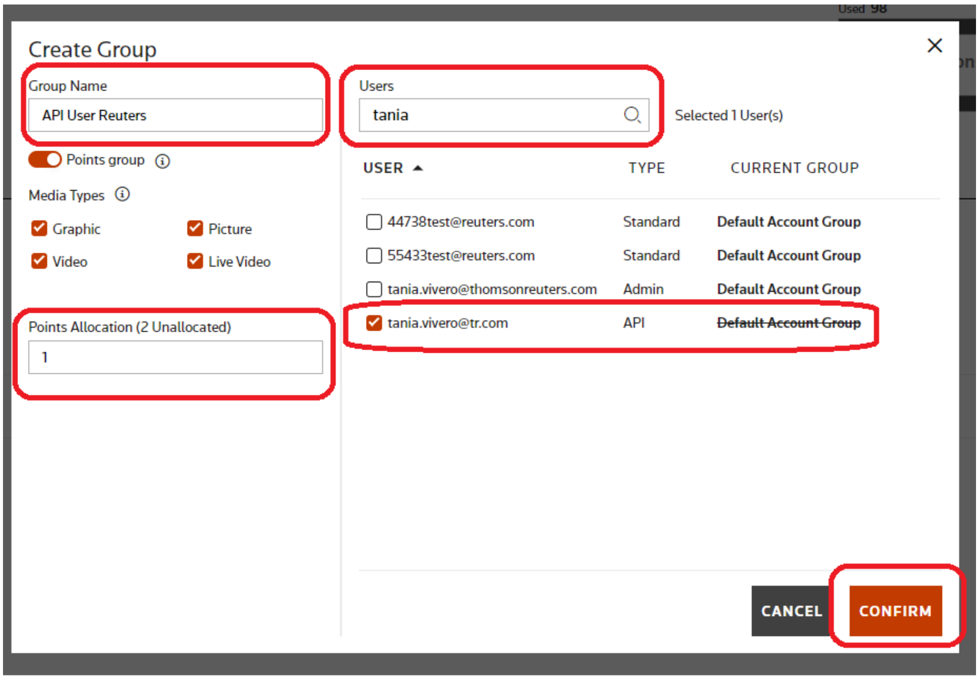
My Organization

July 01, 2023 - September 30, 2023 (GMT)

Account Manager
Tania Vivero tania.vivero@thomsonreuters.com

NAME	GROUP	TYPE	CREATED	LA
Tania Vivero (RC-API-QA) tania.vivero@tr.com	Default Account Group	API	27/07/2023	-

3. Create a new group for the API user. Click over "Create Group";
   a. Assign a Group Name as shown below, for example, API user.
   b. Assign points to the user in the "Points Allocation" field. In this case, one (1) point was assigned.
   c. Look for your API user and select it; and click CONFIRM.



Create Group

Group Name: API User Reuters

Points group

Media Types

☑ Graphic ☑ Picture

☑ Video ☑ Live Video

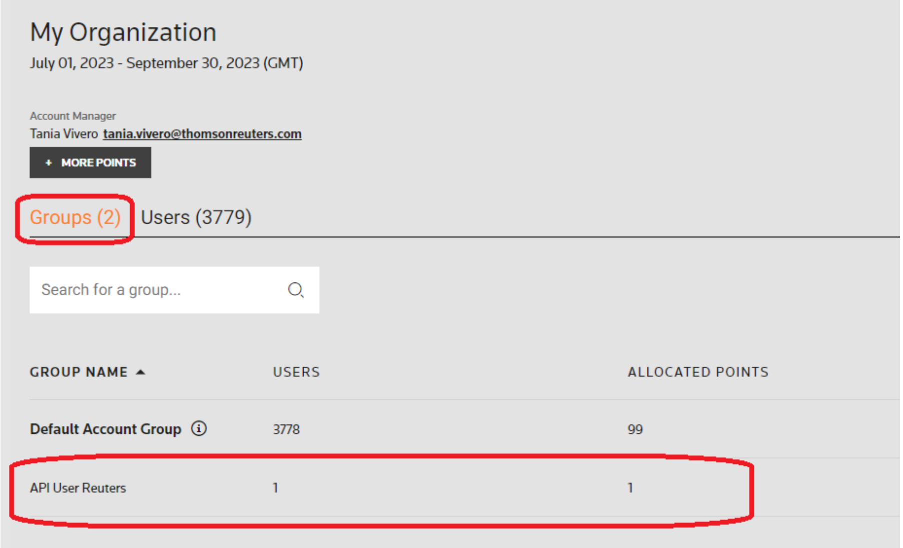
Points Allocation (2 Unallocated): 1

Users: tania

Selected 1 User(s)

	USER	TYPE	CURRENT GROUP
☐	44738test@reuters.com	Standard	Default Account Group
☐	55433test@reuters.com	Standard	Default Account Group
☐	tania.vivero@thomsonreuters.com	Admin	Default Account Group
☑	tania.vivero@tr.com	API	~~Default Account Group~~

4. Your API user will be listed under the “Group” tab as shown below, now your API user is allowed to download the Marketplace (points) content.



My Organization

July 01, 2023 - September 30, 2023 (GMT)

Account Manager

Tania Vivero tania.vivero@thomsonreuters.com

GROUP NAME	USERS	ALLOCATED POINTS
Default Account Group	3778	99
API User Reuters	1	1

Updates, Corrections and Deletions for Pictures

Reuters use IPTC Edit Status to help customers manage changes to the status of a picture. This notification process is used by clients, partners, and within Reuters products.
The Edit Status metadata appears in the JPEG, the NewsML-G2 XML files, and the JSON files; please see below and linked examples.

ASSET LIFECYCLE (VIDEO/PICTURE)

The feed supports the entire document lifecycle: New, Updated, Corrected, and Deleted items. In each case, the item can be identified by the ID and the incrementing version number:

a) **New** - The ‘new publish’ message contains the signal ‘edStat:N’. The new item marks the delivery of a new image. The original picture is present.
b) **Update** - The ‘update’ message contains the signal ‘edStat:U’. The complete item will be resent in case of an update or if the item provides extra new information.
c) **Correction** – The ‘correction’ message contains the signal ‘edStat:C’. The correction item will be resent in case of a correction. Identifies an error discovered post-publication. NOTE: a minor CORRECTION, such as a grammatical or punctuation error, is known as a REFILE. The term REFILE appears in the caption, but NO correction template is published, just the JPEG and XML.
d) **Delete** - The ‘deletion’ message contains the signal ‘edStat:D’, and the downstream system should delete all item versions when “received” this parameter. **It may require immediate attention**. The image needs to be deleted or, if published online, taken down for a website as soon as possible.

"edStat:N",	New
"edStat:U",	Update
"edStat:C",	Correction
"edStat:D",	Deletion

The best approach to finding an impacted image is to search for:

a) The unique ID (usn) supplied by Reuters. For example, Picture USN: RC2Y5X9RVD61. Use the parameter “signal” to retrieve the edit status (edStat).

```
query MyQuery {
  search(query:
"id:RC2Y5X9RVD61") {
    items {
      uri
      signal
    }
  }
}
```

b) To search for the complete list of pictures with the edStat:D, including the picture id (usn), signal and URI information, the query should be:

```
query MyQuery {
  search(query: "signal:\"edStat:D\"") {
    items {
      Uri
      signal
      usn
    }
  }
```

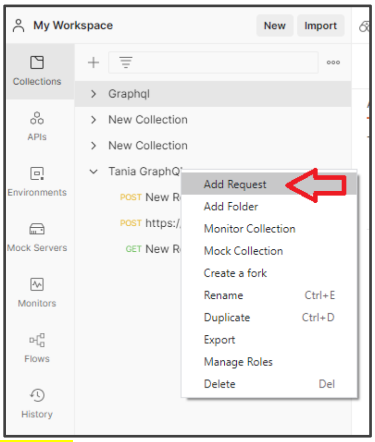
c) To search for the complete list of pictures with the **edStat:D**, make use of the Deletion channel alias cez863 (Picture bin all)

```
query MyQuery {
  search(filter: {channel: “cez863”}) {
    items
   }
}
```

POSTMAN

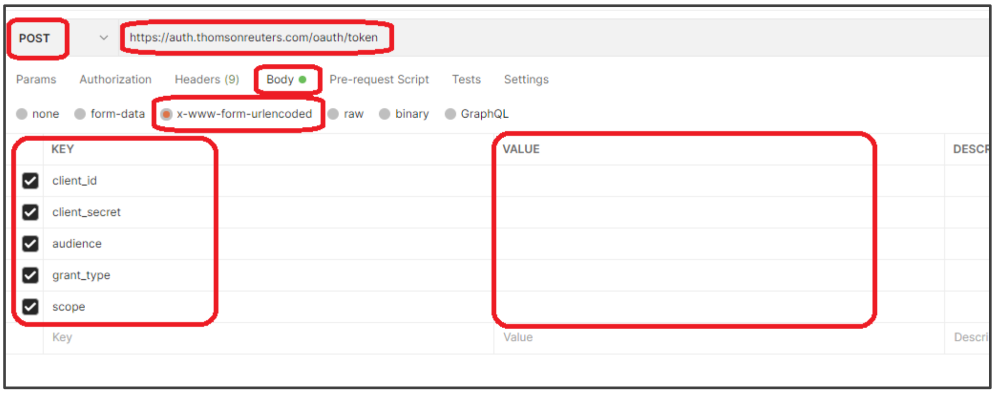
Postman is a free application used for API testing. In addition, it is an interactive and automatic tool for verifying the APIs and presents you with a friendly GUI for constructing requests and reading API responses.
Postman platform will help users know which code is needed to use depending on their implementation language.

After downloading the application, create a "New Collection" and give it your desired name. Inside the New Collection, right-click and select "Add Request," as shown in the following image:



After creating a "request," please do a **POST** and fill out the fields shown in the following image to get the Token.

Do the POST to https://auth.thomsonreuters.com/oauth/token. Select the "Body" tab and "x-www-form-urlencoded," and under the "Key" column, write down the following fields as shown in the next image:



POST https://auth.thomsonreuters.com/oauth/token

Body ● x-www-form-urlencoded

KEY	VALUE
☑ client_id	
☑ client_secret	
☑ audience	
☑ grant_type	
☑ scope	

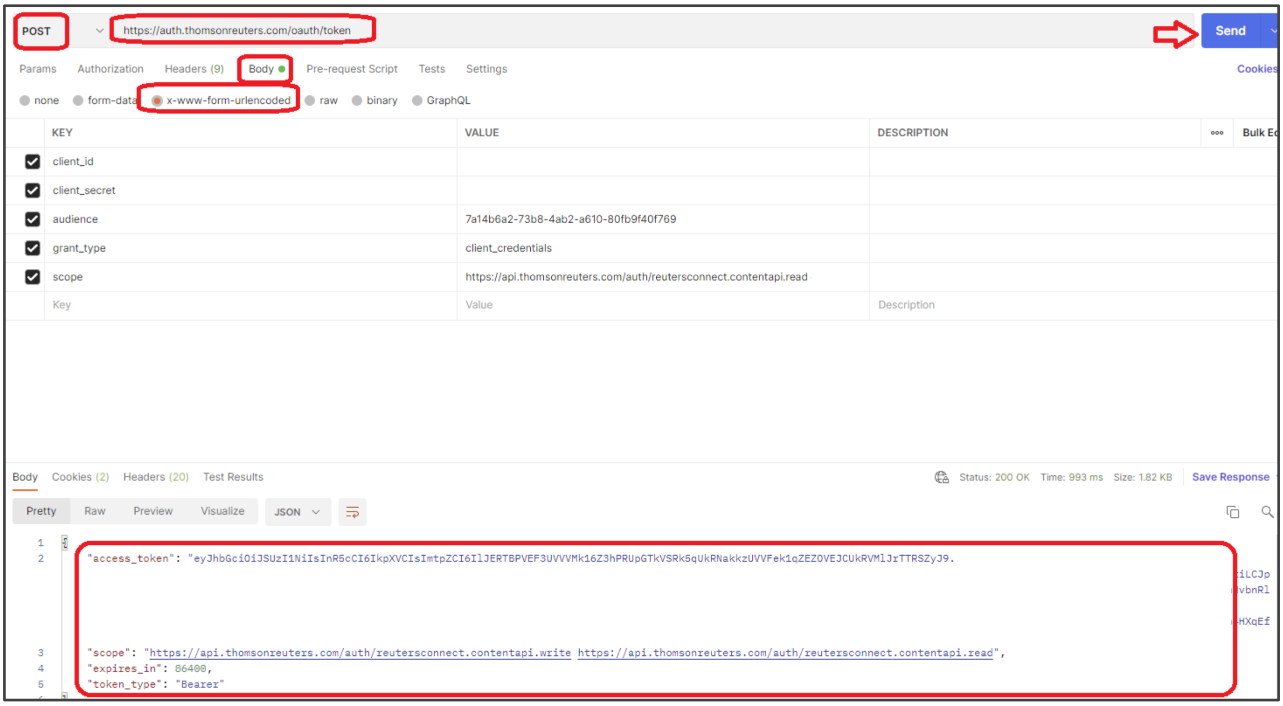
Important: when entering the information (copy/paste) under the "Value" column, do not hit the ENTER key

Key	Value
client_id	XXXXXXXXXXXXXXXXXX
client_secret	XXXXXXXXXXXXXXXXXX
audience	7a14b6a2-73b8-4ab2-a610-80fb9f40f769
grant_type	client_credentials
Scope	https://api.thomsonreuters.com/auth/reutersconnect.contentapi.read https://api.thomsonreuters.com/auth/reutersconnect.contentapi.write

After entering the above information, click over SEND as shown below, and the application should return your account TOKEN.

Note: “client_id” and “client_secret” are not shown to protect the credentials.

After the token is generated, you can begin to do the GraphQL queries.



POST https://auth.thomsonreuters.com/oauth/token

○ none ○ form-data ● x-www-form-urlencoded ○ raw ○ binary ○ GraphQL

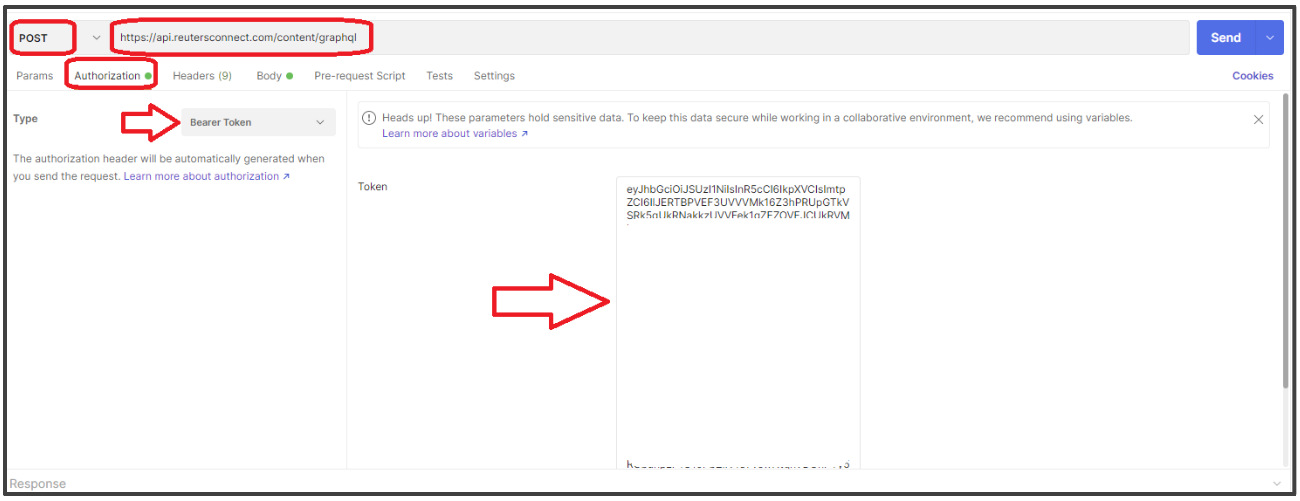
	KEY	VALUE	DESCRIPTION
☑	client_id		
☑	client_secret		
☑	audience	7a14b6a2-73b8-4ab2-a610-80fb9f40f769	
☑	grant_type	client_credentials	
☑	scope	https://api.thomsonreuters.com/auth/reutersconnect.contentapi.read	
	Key	Value	Description

Status: 200 OK Time: 993 ms Size: 1.82 KB

```
{
"access_token": "eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6IlJERTBPVEF3UVVVMk16Z3hPRUpGTkVSRk5qUkRNakkzUVVFek1qZEZOVEJCUkRVMlJrTTRSZyJ9.
                                                                                                    iLCJp
                                                                                                    vbnRl

                                                                                                    HXqEf
"scope": "https://api.thomsonreuters.com/auth/reutersconnect.contentapi.write https://api.thomsonreuters.com/auth/reutersconnect.contentapi.read",
"expires_in": 86400,
"token_type": "Bearer"
```

How to do GraphQL queries in Postman

After the token is generated, create a new “request” and make a POST request to our URL https://api.reutersconnect.com/content/graphql as shown in the image below, click over the “Authorization” tab and select “Bearer Token” and copy/paste your token on the Token field as shown below:



POST https://api.reutersconnect.com/content/graphql

Type: Bearer Token

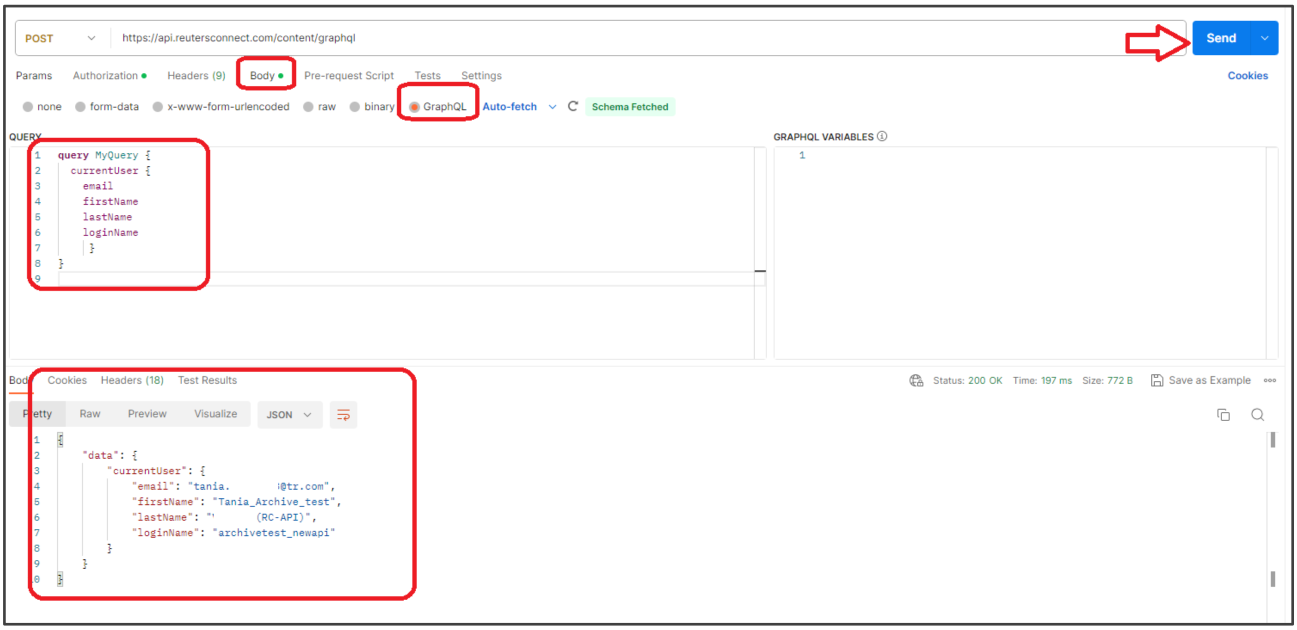
The authorization header will be automatically generated when you send the request. Learn more about authorization ↗

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. Learn more about variables ↗

Token: eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCIsImtp ZCI6IlJERTBPVEF3UVVVMk16Z3hPRUpGTkV SRk5qUkRNakkzUVVFek1qZFZOVEJCUkRVM

After entering the TOKEN, verify that your account is working fine. Go to “Body” and select “GraphQL,” write down a simple query to get your account details and click “Send.” The application should show you your account details.

```
query MyQuery {
  currentUser {
    email
    firstName
    lastName
    loginName
     }
}
```



POST https://api.reutersconnect.com/content/graphql

○ none ○ form-data ○ x-www-form-urlencoded ○ raw ○ binary ● GraphQL

QUERY

```
query MyQuery {
  currentUser {
    email
    firstName
    lastName
    loginName
    }
}
```

GRAPHQL VARIABLES

Status: 200 OK Time: 197 ms Size: 772 B

```
{
    "data": {
        "currentUser": {
            "email": "tania.        @tr.com",
            "firstName": "Tania_Archive_test",
            "lastName": "'        (RC-API)",
            "loginName": "archivetest_newapi"
        }
    }
}
```

Samples of Queries using Postman

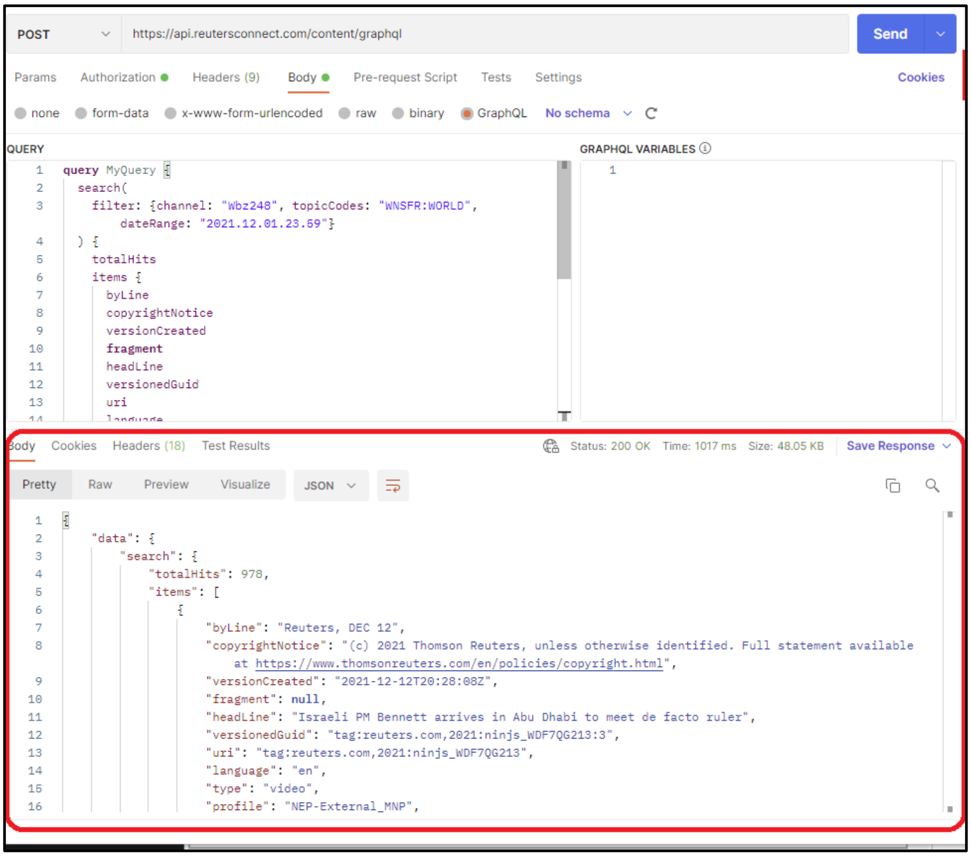
1. How to get all RAW video clips

How to get all RAW video clips distributed by the “Core-World” feed on 1/Feb/2023

The Core News feed channel alias is Wbz248. All the content related to “World” comes with the topic code: WNSFR:WORLD. The dataRange parameter should have the format YYYY.MM.DD.HH.MM (Year, month, day, hour, minutes).

```
query MyQuery {
  search(
    filter: {channel: "Wbz248", topicCodes: "WNSFR:WORLD", dateRange: "2021.12.01.23.59"}
  ) {
    totalHits
    items {
      byLine
      copyrightNotice
      versionCreated
      fragment
      headLine
      versionedGuid
      uri
      language
      type
      profile
      slug
      usageTerms
      usageTermsRole
      version
      credit
      firstCreated
      productLabel
      pubStatus
      urgency
      usn
      position
      intro
    }
  }
}
```

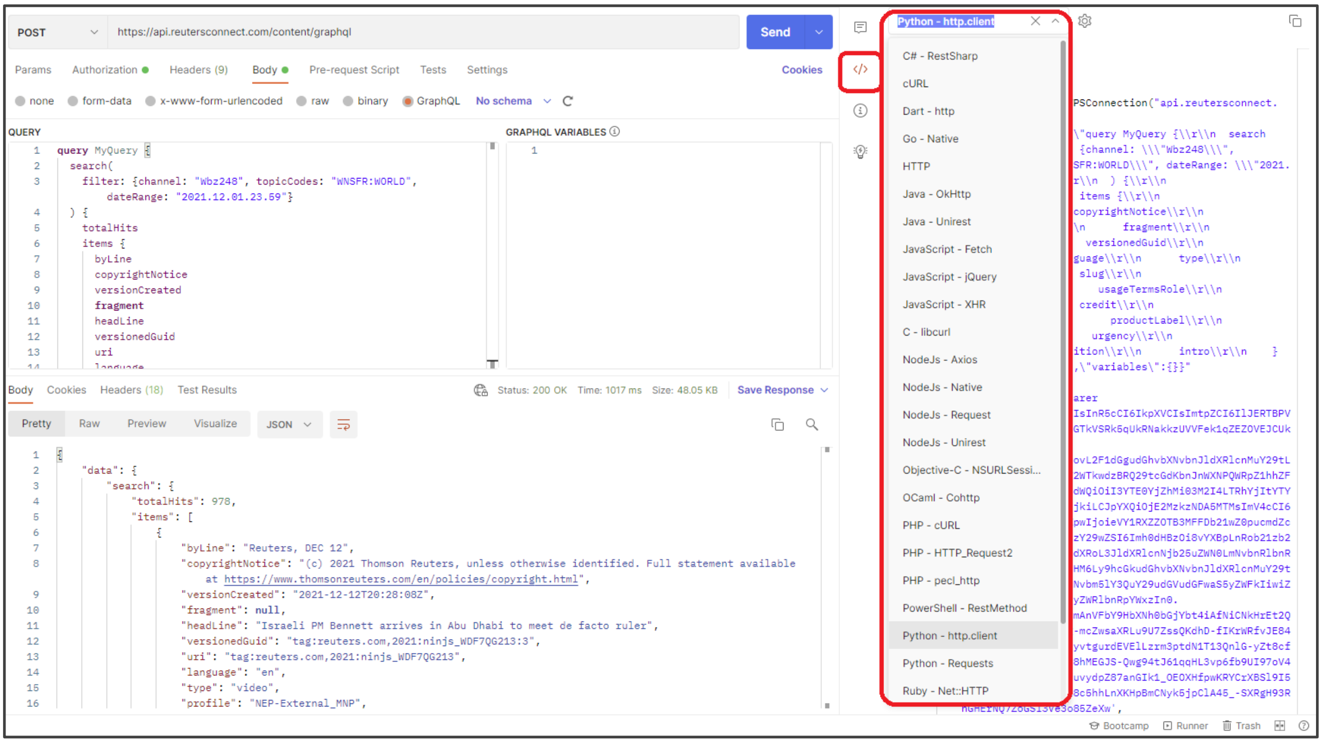
After checking that your query is working correctly in our portal, copy and paste the above question in Postman and click over send and the query should provide you the same results as in our portal.



```
query MyQuery {
  search(
    filter: {channel: "Wbz248", topicCodes: "WNSFR:WORLD",
        dateRange: "2021.12.01.23.59"}
  ) {
    totalHits
    items {
      byLine
      copyrightNotice
      versionCreated
      fragment
      headLine
      versionedGuid
      uri
      language
```

```
{
    "data": {
        "search": {
            "totalHits": 978,
            "items": [
                {
                    "byLine": "Reuters, DEC 12",
                    "copyrightNotice": "(c) 2021 Thomson Reuters, unless otherwise identified. Full statement available
                        at https://www.thomsonreuters.com/en/policies/copyright.html",
                    "versionCreated": "2021-12-12T20:28:08Z",
                    "fragment": null,
                    "headLine": "Israeli PM Bennett arrives in Abu Dhabi to meet de facto ruler",
                    "versionedGuid": "tag:reuters.com,2021:ninjs_WDF7Q6213:3",
                    "uri": "tag:reuters.com,2021:ninjs_WDF7Q6213",
                    "language": "en",
                    "type": "video",
                    "profile": "NEP-External_MNP",
```

After checking a response from the query, move forward and click over the code symbol </> and select any of your desired programming code for implementation as shown below; the client should do the further implementation in any language.

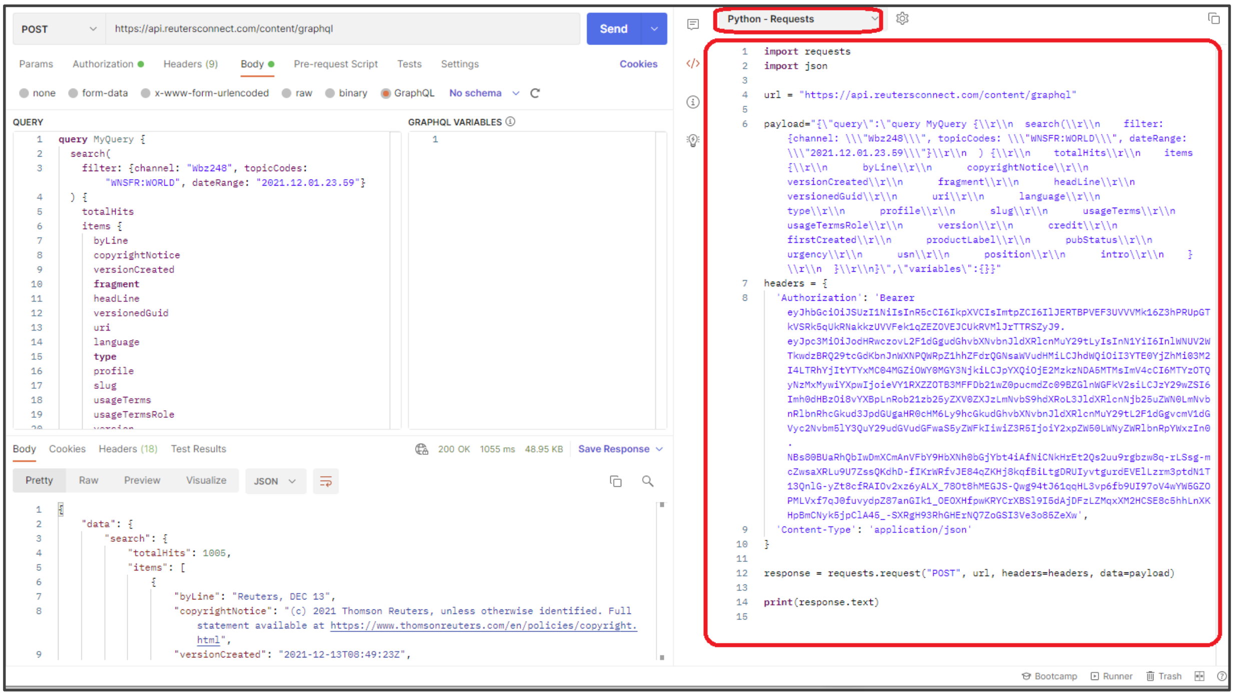


```
query MyQuery {
  search(
    filter: {channel: "Wbz248", topicCodes: "WNSFR:WORLD",
        dateRange: "2021.12.01.23.59"}
  ) {
    totalHits
    items {
      byLine
      copyrightNotice
      versionCreated
      fragment
      headLine
      versionedGuid
      uri
      language
```

```
{
    "data": {
        "search": {
            "totalHits": 978,
            "items": [
                {
                    "byLine": "Reuters, DEC 12",
                    "copyrightNotice": "(c) 2021 Thomson Reuters, unless otherwise identified. Full statement available
                        at https://www.thomsonreuters.com/en/policies/copyright.html",
                    "versionCreated": "2021-12-12T20:28:08Z",
                    "fragment": null,
                    "headLine": "Israeli PM Bennett arrives in Abu Dhabi to meet de facto ruler",
                    "versionedGuid": "tag:reuters.com,2021:ninjs_WDF7Q6213:3",
                    "uri": "tag:reuters.com,2021:ninjs_WDF7Q6213",
                    "language": "en",
                    "type": "video",
                    "profile": "NEP-External_MNP",
```

```
PSConnection("api.reutersconnect.

\"query MyQuery {\\r\\n  search
 {channel: \\\"Wbz248\\\",
SFR:WORLD\\\", dateRange: \\\"2021.
r\\n  ) {\\r\\n
 items {\\r\\n
copyrightNotice\\r\\n
\n      fragment\\r\\n
  versionedGuid\\r\\n
guage\\r\\n      type\\r\\n
 slug\\r\\n
    usageTermsRole\\r\\n
 credit\\r\\n
      productLabel\\r\\n
    urgency\\r\\n
ition\\r\\n      intro\\r\\n    }
,\"variables\":{}}"

arer
IsInR5cCI6IkpXVCIsImtpZCI6IlJERTBPV
GTkVSRk5qUkRNakkzUVVFek1qZEZOVEJCUk

ovL2F1dGgudGhvbXNvbnJldXRlcnMuY29tL
2WTkwdzBRQ29tcGdKbnJnWXNPQWRpZ1hhZF
dWQiOiI3YTE0YjZhMi03M2I4LTRhYjItYTY
jkiLCJpYXQiOjE2MzkzNDA5MTMsImV4cCI6
pwIjoieVY1RXZZOTB3MFFDb21wZ0pucmdZc
zY29wZSI6Imh0dHBzOi8vYXBpLnRob21zb2
dXRoL3JldXRlcnNjb25uZWN0LmNvbnRlbnR
HM6Ly9hcGkudGhvbXNvbnJldXRlcnMuY29t
Nvbm5lY3QuY29udGVudGFwaS5yZWFkIiwiZ
yZWRlbnRpYWxzIn0.
mAnVFbY9HbXNh0bGjYbt4iAfNiCNkHrEt2Q
-mcZwsaXRLu9U7ZssQKdhD-fIKrWRfvJE84
yvtgurdEVElLzrm3ptdN1T13QnlG-yZt8cf
8hMEGJS-Qwg94tJ61qqHL3vp6fb9UI97oV4
uvydpZ87anGIk1_OEOXHfpwKRYCrXBSl9I5
8c5hhLnXKHpBmCNyk5jpClA45_-SXRgH93R
hGHEYNQ7Z6GS13Ve3o85ZeXw',
```

For example, if you want to do your implementation using Python, use the code shown below.



```
query MyQuery {
  search(
    filter: {channel: "Wbz248", topicCodes:
        "WNSFR:WORLD", dateRange: "2021.12.01.23.59"}
  ) {
    totalHits
    items {
      byLine
      copyrightNotice
      versionCreated
      fragment
      headLine
      versionedGuid
      uri
      language
      type
      profile
      slug
      usageTerms
      usageTermsRole
      version
```

```
{
    "data": {
        "search": {
            "totalHits": 1005,
            "items": [
                {
                    "byLine": "Reuters, DEC 13",
                    "copyrightNotice": "(c) 2021 Thomson Reuters, unless otherwise identified. Full
                        statement available at https://www.thomsonreuters.com/en/policies/copyright.
                        html",
                    "versionCreated": "2021-12-13T08:49:23Z",
```

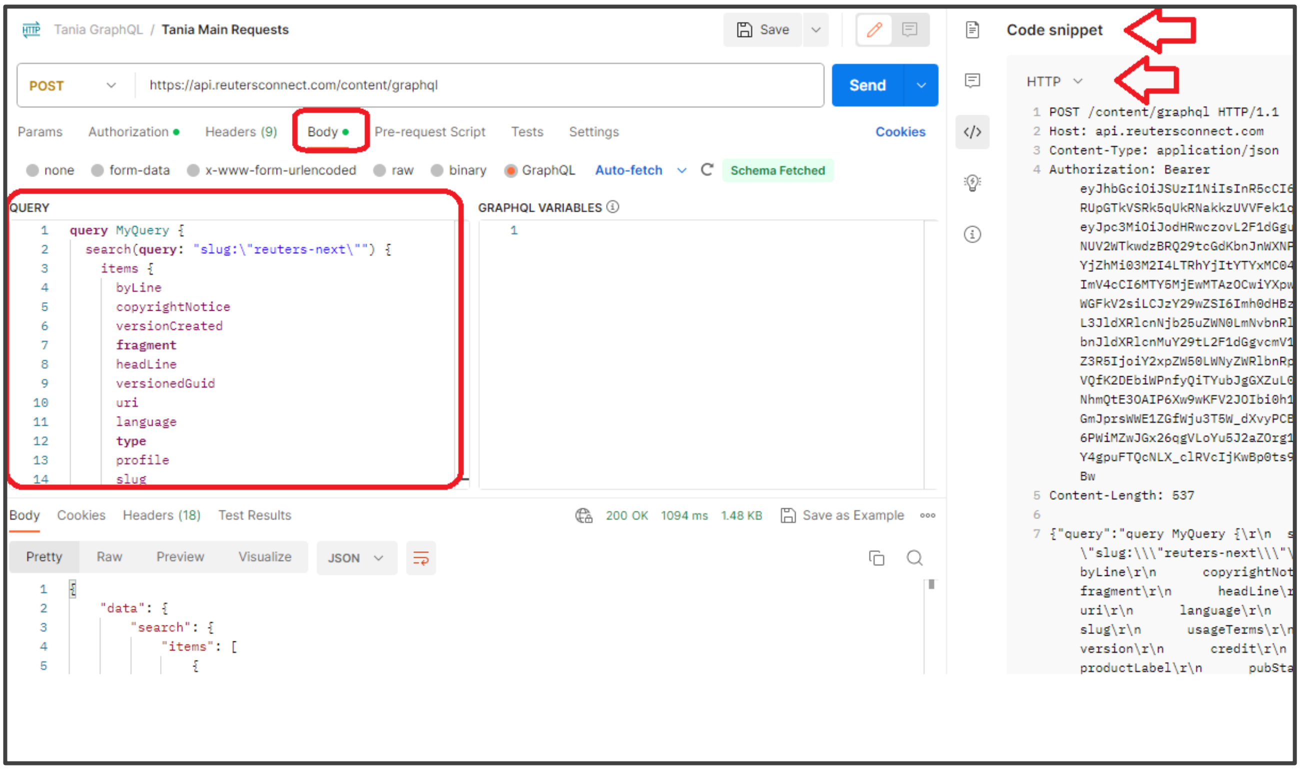
```
import requests
import json

url = "https://api.reutersconnect.com/content/graphql"

payload="{\"query\":\"query MyQuery {\\r\\n  search(\\r\\n    filter:
    {channel: \\\"Wbz248\\\", topicCodes: \\\"WNSFR:WORLD\\\", dateRange:
    \\\"2021.12.01.23.59\\\"}\\r\\n  ) {\\r\\n    totalHits\\r\\n    items
    {\\r\\n      byLine\\r\\n      copyrightNotice\\r\\n
    versionCreated\\r\\n      fragment\\r\\n      headLine\\r\\n
    versionedGuid\\r\\n      uri\\r\\n      language\\r\\n
    type\\r\\n      profile\\r\\n      slug\\r\\n      usageTerms\\r\\n
    usageTermsRole\\r\\n      version\\r\\n      credit\\r\\n
    firstCreated\\r\\n      productLabel\\r\\n      pubStatus\\r\\n
    urgency\\r\\n      usn\\r\\n      position\\r\\n      intro\\r\\n    }
    \\r\\n  }\\r\\n}\",\"variables\":{}}"
headers = {
  'Authorization': 'Bearer
    eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6IlJERTBPVEF3UVVVMk16Z3hPRUpGT
    kVSRk5qUkRNakkzUVVFek1qZEZOVEJCUkRVMlJrTTRSZyJ9.
    eyJpc3MiOiJodHRwczovL2F1dGgudGhvbXNvbnJldXRlcnMuY29tLyIsInN1YiI6InlWNUV2W
    TkwdzBRQ29tcGdKbnJnWXNPQWRpZ1hhZFdrQGNsaWVudHMiLCJhdWQiOiI3YTE0YjZhMi03M2
    I4LTRhYjItYTYxMC04MGZiOWY0MGY3NjkiLCJpYXQiOjE2MzkzNDA5MTMsImV4cCI6MTYzOTQ
    yNzMxMywiYXpwIjoieVY1RXZZOTB3MFFDb21wZ0pucmdZc09BZGlnWGFkV2siLCJzY29wZSI6
    Imh0dHBzOi8vYXBpLnRob21zb25yZXV0ZXJzLmNvbS9hdXRoL3JldXRlcnNjb25uZWN0LmNvb
    nRlbnRhcGkud3JpdGUgaHR0cHM6Ly9hcGkudGhvbXNvbnJldXRlcnMuY29tL2F1dGgvcmV1dG
    Vyc2Nvbm5lY3QuY29udGVudGFwaS5yZWFkIiwiZ3R5IjoiY2xpZW50LWNyZWRlbnRpYWxzIn0
    .
    NBs80BUaRhQbIwDmXCmAnVFbY9HbXNh0bGjYbt4iAfNiCNkHrEt2Qs2uu9rgbzw8q-rLSsg-m
    cZwsaXRLu9U7ZssQKdhD-fIKrWRfvJE84qZKHj8kqfBiLtgDRUIyvtgurdEVElLzrm3ptdN1T
    13QnlG-yZt8cfRAIOv2xz6yALX_78Ot8hMEGJS-Qwg94tJ61qqHL3vp6fb9UI97oV4wYW5GZO
    PMLVxf7qJ0fuvydpZ87anGIk1_OEOXHfpwKRYCrXBSl9I5dAjDFzLZMqxXM2HCSE8c5hhLnXK
    HpBmCNyk5jpClA45_-SXRgH93RhGHErNQ7ZoGSI3Ve3o85ZeXw',
  'Content-Type': 'application/json'
}

response = requests.request("POST", url, headers=headers, data=payload)

print(response.text)
```

2. How to get all items using a Slug

```
query MyQuery {
  search(query: "slug:\"reuters-next\"") {
    items {
      byLine
      copyrightNotice
      versionCreated
      fragment
      headLine
      versionedGuid
      uri
      language
      type
      profile
      slug
      usageTerms
      usageTermsRole
      version
      credit
      firstCreated
      productLabel
      pubStatus
      urgency
      usn
      position
      intro
    }
  }
}
```

To get all the items with the slug “Reuters-Next.”

Test your query in our portal; if you get results, move to Postman, copy/paste the code, click over Send, and the results should show as in the image. Click over the code symbol and select your desired language for further implementation.

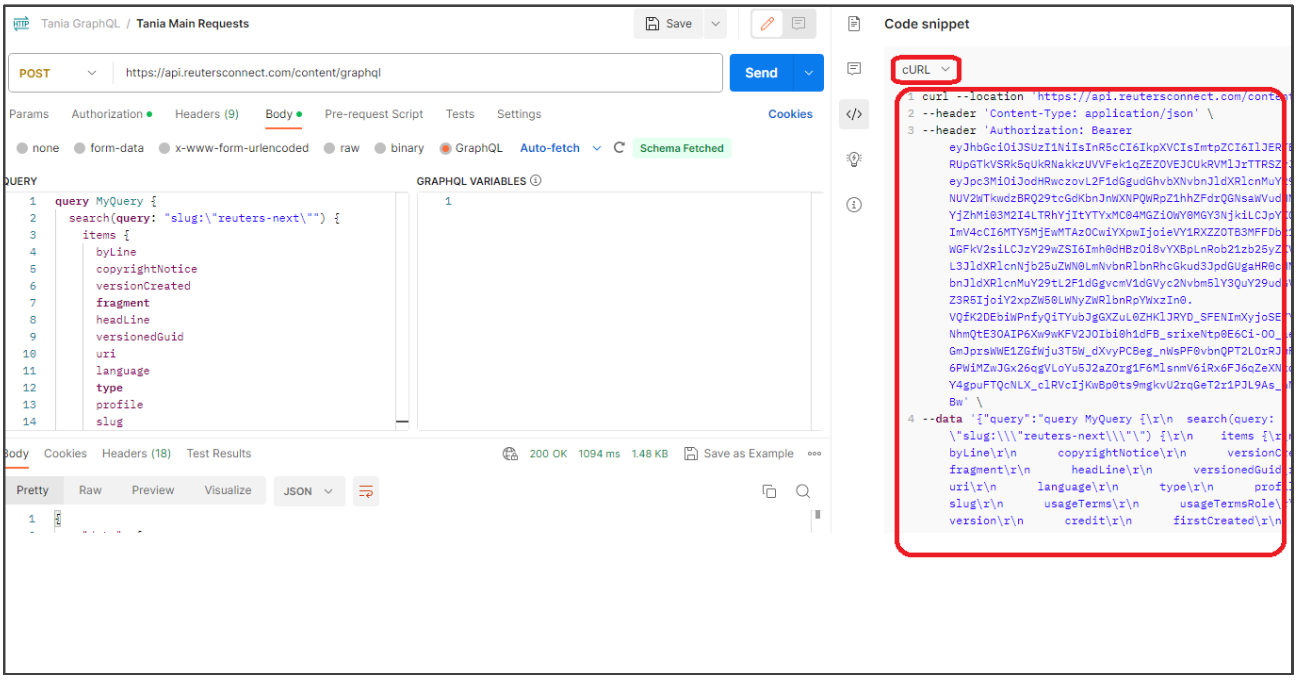


```
query MyQuery {
  search(query: "slug:\"reuters-next\"") {
    items {
      byLine
      copyrightNotice
      versionCreated
      fragment
      headLine
      versionedGuid
      uri
      language
      type
      profile
      slug
```

```
{
    "data": {
        "search": {
            "items": [
                {
```

```
POST /content/graphql HTTP/1.1
Host: api.reutersconnect.com
Content-Type: application/json
Authorization: Bearer
    eyJhbGciOiJSUzI1NiIsInR5cCI6
    RUpGTkVSRk5qUkRNakkzUVVFek1q
    eyJpc3MiOiJodHRwczovL2F1dGgu
    NUV2WTkwdzBRQ29tcGdKbnJnWXNP
    YjZhMi03M2I4LTRhYjItYTYxMC04
    ImV4cCI6MTY5MjEwMTAzOCwiYXpw
    WGFkV2siLCJzY29wZSI6Imh0dHBz
    L3JldXRlcnNjb25uZWN0LmNvbnRl
    bnJldXRlcnMuY29tL2F1dGgvcmV1
    Z3R5IjoiY2xpZW50LWNyZWRlbnRp
    VQfK2DEbiWPnfyQiTYubJgGXZuL0
    NhmQtE3OAIP6Xw9wKFV2JOIbi0h1
    GmJprsWWE1ZGfWju3T5W_dXvyPCB
    6PWiMZwJGx26qgVLoYu5J2aZOrg1
    Y4gpuFTQcNLX_clRVcIjKwBp0ts9
    Bw
Content-Length: 537

{"query":"query MyQuery {\r\n  s
    \"slug:\\\"reuters-next\\\"\
    byLine\r\n      copyrightNot
    fragment\r\n      headLine\r
    uri\r\n      language\r\n
    slug\r\n      usageTerms\r\n
    version\r\n      credit\r\n
    productLabel\r\n      pubSta
```

If the client IT team wants to program using cURL, for example, the code is shown in Postman.



```
query MyQuery {
  search(query: "slug:\"reuters-next\"") {
    items {
      byLine
      copyrightNotice
      versionCreated
      fragment
      headLine
      versionedGuid
      uri
      language
      type
      profile
      slug
```

```
curl --location 'https://api.reutersconnect.com/conte
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer
    eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6IlJER
    RUpGTkVSRk5qUkRNakkzUVVFek1qZEZOVEJCUkRVMlJrTTRSZ
    eyJpc3MiOiJodHRwczovL2F1dGgudGhvbXNvbnJldXRlcnMuY
    NUV2WTkwdzBRQ29tcGdKbnJnWXNPQWRpZ1hhZFdrQGNsaWVud
    YjZhMi03M2I4LTRhYjItYTYxMC04MGZiOWY0MGY3NjkiLCJpY
    ImV4cCI6MTY5MjEwMTAzOCwiYXpwIjoieVY1RXZZOTB3MFFDb
    WGFkV2siLCJzY29wZSI6Imh0dHBzOi8vYXBpLnRob21zb25yZ
    L3JldXRlcnNjb25uZWN0LmNvbnRlbnRhcGkud3JpdGUgaHR0c
    bnJldXRlcnMuY29tL2F1dGgvcmV1dGVyc2Nvbm5lY3QuY29ud
    Z3R5IjoiY2xpZW50LWNyZWRlbnRpYWxzIn0.
    VQfK2DEbiWPnfyQiTYubJgGXZuL0ZHKlJRYD_SFENImXyjoSE
    NhmQtE3OAIP6Xw9wKFV2JOIbi0h1dFB_srixeNtp0E6Ci-OO_
    GmJprsWWE1ZGfWju3T5W_dXvyPCBeg_nWsPF0vbnQPT2LOrRJ
    6PWiMZwJGx26qgVLoYu5J2aZOrg1F6MlsnmV6iRx6FJ6qZeXN
    Y4gpuFTQcNLX_clRVcIjKwBp0ts9mgkvU2rqGeT2r1PJL9As_
    Bw' \
--data '{"query":"query MyQuery {\r\n  search(query:
    \"slug:\\\"reuters-next\\\"\") {\r\n    items {\r
    byLine\r\n      copyrightNotice\r\n      versionC
    fragment\r\n      headLine\r\n      versionedGuid
    uri\r\n      language\r\n      type\r\n      prof
    slug\r\n      usageTerms\r\n      usageTermsRole\
    version\r\n      credit\r\n      firstCreated\r\n
```

Appendix 1 - Content Formats

The Reuters API GraphiQL subscribers can access a wide range of standardized text, pictures, graphics, videos, and audio formats.

For text:

FORMAT
XML
JSON

For pictures:

FORMAT	RENDITIONS
Thumbnail	Width:150 pixels
viewImage	Width: 640 pixels
baseImage	Width: highest resolution available
limitedImage	Width: 3500 pixels

For graphics:

FORMAT	RENDITIONS
PDF	Highest resolution available
EPS	Highest resolution available
JPEG	viewImage: width of 450 pixels thumbnail: width of 150 pixels limitedImage: width of 1200 pixels

For packaged videos:

FORMAT	RENDITIONS
Flash Video 512	stream:512:16x9:flv 512x288 frame size
Flash Video 300	stream:300:16x9:flv 384x216 frame size
H264/mpeg 300	stream:300:16x9:mp4 384x216 frame size
H264/mpeg 720	stream:5128:16x9:mp4 1280x720 frame size
H264/mpeg 2000	stream:2000:16x9:mp4 768x432 frame size
H264/mpeg 700	stream:700:16x9:mp4 640x360 frame size
Flash Video 700	stream:700:16x9:flv 576x324 frame size
H264/mpeg 2000	stream:8256m:16x9:mp4 1920x1080 frame size
Mpeg 6756	stream:6756:16x9:mpg 720x576 frame size
H264/mpeg 8256	stream:8256:16x9:mp4

	1920x1080 frame size
H264/mpeg 1756 (SCREENER)	stream:1756:16x9:mp4 1280x720 frame size
video/mpeg SD 525	stream:6756:16x9:sd525i30:mpg
video/mpeg SD 625	stream:6756:16x9:sd625i25:mpg
video/mp4 HD 1080i50	stream:13756:16x9:hd1080i50:mp4
video/mp4 HD 1080i60	stream:13756:16x9:hd1080i60:mp4
video/mp4 HD 720 (Screener)	stream:1756:16x9:mp4
GRID_THUMBNAIL	thumbnailgrid
VIEW_IMAGE	viewImage:512x288
THUMBNAIL	thumbnail:160x90
BASE_IMAGE	baseImage:960x540

For RAW video:

FORMAT	RENDITIONS
video/mpeg SD 525	stream:6756:16x9:sd525i30:mpg
video/mpeg SD 625	stream:6756:16x9:sd625i25:mpg
video/mp4 HD 1080i50	stream:13756:16x9:hd1080i50:mp4
video/mp4 HD 1080i60	stream:13756:16x9:hd1080i60:mp4
video/mp4 HD 720 (Screener)	stream:1756:16x9:mp4
Flash Video 512	stream:512:16x9:flv 512x288 frame size
Flash Video 300	stream:300:16x9:flv 384x216 frame size
H264/mpeg 300	stream:300:16x9:mp4 384x216 frame size
H264/mpeg 720	stream:5128:16x9:mp4 1280x720 frame size
H264/mpeg 2000	stream:2000:16x9:mp4 768x432 frame size
H264/mpeg 700	stream:700:16x9:mp4 640x360 frame size
Flash Video 700	stream:700:16x9:flv 576x324 frame size
H264/mpeg 2000	stream:8256m:16x9:mp4 1920x1080 frame size
Mpeg 6756	stream:6756:16x9:mpg 720x576 frame size
H264/mpeg 8256	stream:8256:16x9:mp4 1920x1080 frame size
H264/mpeg 1756 (SCREENER)	stream:1756:16x9:mp4 1280x720 frame size
Video Shot List	STREAM:SHOTLIST:JSON
Video Closed Caption (SRT format)	CLOSEDCAPTION:SRT
Video Closed Caption (VTT format)	CLOSEDCAPTION:VTT
VIEW_IMAGE	viewImage:768x432
GRID_THUMBNAIL	thumbnailgrid
VIEW_IMAGE	viewImage:512x288

THUMBNAIL	thumbnail:160x90
BASE_IMAGE	baseImage:960x540

For Archive video:

FORMAT	RENDITIONS
video/mpeg SD 525	stream:6756:16x9:sd525i30:mpg
video/mpeg SD 625	stream:6756:16x9:sd625i25:mpg
video/mp4 HD 1080i50	stream:13756:16x9:hd1080i50:mp4
video/mp4 HD 1080i60	stream:13756:16x9:hd1080i60:mp4
video/mp4 HD 720	stream:1756:16x9:mp4

For audio:

FORMAT	RENDITIONS
audio/mpeg	stream:22.050:mp3
audio/mpeg	stream:48000:mp3
audio/aa	stream:48000:m4a
audio/wav	stream:48000:wav
audio/wav	stream:48000m:wav
audio/mpeg (Audio Preview)	preview:48000:mp3

Appendix 2 – Language codes

AR - Arabic
ZH - Chinese
CS - Czech
DA - Danish
NL - Dutch
EN - English
FR - French
DE - German
EL - Greek
IT - Italian
JA - Japanese
KO - Korean
NO - Norwegian
PL - Polish
PT - Portuguese
RU - Russian
ES - Spanish
SV - Swedish
TH - Thai
TR - Turkish

Appendix 3 - Pictures restrictions codes

This section contains the picture restrictions codes applied depending on the picture use case.

We apply the below restrictions and instructions codes to a subset of our pictures in the JPG metadata IPTC "**Special Instructions"** field and in the NewsML-G2 "**usageTerms"** field, and also into a new "**XMP Plus"** field. We append the accompanying human readable text in the **caption** parameter.

Category	**Sample codes**	**Proposed XMP field**	**Sample value in the XMP field**
Concatenating the human readable text of all the codes applied to the picture	MNDTY NARCH/NARCH30 3TP USAOUT	Plus: Custom1	MANDATORY CREDIT. NO RESALES. NO ARCHIVES. THIS IMAGE HAS BEEN SUPPLIED BY A THRID PARTY. UNITATED SATES OUT. NO COMMERCIAL OR EDITORIAL SALES IN UNITED STATES.

The codes are:

Code	**Human Readable Text**	**Action Required**	**IPTC Field**	**XMP Field**
NARCH/NARCH30	NO RESALES. NO ARCHIVE	Do not publish after 30 days from the publication date.	Special Instructions	Photoshop: Instructions & PUR: Restrictions
MNDTY	MANDATORY CREDIT	Preserve the byline and source upon publication.	Special Instructions	Photoshop: Instructions
3TP	THIS IMAGE HAS BEEN SUPPLIED BY A THIRD PARTY. IT IS DISTRIBUTED, EXACTLY AS RECEIVED BY REUTERS, AS A SERVICE TO CLIENTS	N/A - this is a content advisory	Special Instructions	Photoshop: Instructions
TPSOUT	NO THIRD-PARTY SALES. NOT FOR USE BY REUTERS THIRD PARTY DISTRIBUTORS	Do not use by Reuters Third Party Distributors	Special Instructions	Photoshop: Instructions
SMOUT	SENSITIVE MATERIAL. THIS IMAGE MAY OFFEND OR DISTURB	N/A - this is a content advisory	Special Instructions	Photoshop: Instructions
COUNTRY OUT	THIS IMAGE CAN'T BE DISTRIBUTED IN THE MENTIONED COUNTRY	Do not publish in the mentioned country	Special Instructions	Photoshop: Instructions & PLUS: Region Constraints

Rules can be created based on the codes applied, e.g., if the NARCH/NARCH30 code is applied to a picture clients can automate its removal from their systems after 30 days, since we do not provide archive rights.

From 27th February 2024 we enhanced our application of IPTC pictures metadata fields.

Source & byline

We address the misapplication of the IPTC field of all pictures for the IPTC source field and of the IPTC byline field for all third-party pictures.

IPTC IIM tag name	XMP tag name	Sample value prior to 27th February 2024	Sample updated value	Notes
Source	Source	X02875	REUTERS	For third party pictures we will pass through the source as provided by the third party
Byline	Creator	Lehtikuva	Mikko Stiig	For third party pictures we will pass through the byline as it is provided by the third party. For Reuters pictures we will pass through the byline in mixed case (e.g., Hannah McKay instead of HANNAH MCKAY)

Geographic restrictions

We currently place all the codes pertaining to content restrictions and warnings in the IPTC "**Special Instructions**" field, in addition to the XMP Prism Usage Rights (PUR) fields for **restrictions**, **permissions** and **adultContentWarning**.

In February 2024 we start passing through geographic restriction codes into a more appropriate XMP **Picture Licensing Universal System (PLUS)** namespace as detailed below.

Category	Code	Human readable text	Proposed XMP field	Sample value in XMP field
Geographic restrction	E.g., DNKOUT	e.g., DENMARK OUT. NO COMMERCIAL OR EDITORIAL SALES IN DENMARK.	Plus: RegionConstraints	<plus:regionconstraints ConstraintCode=DNKOUT>DENMARK OUT. NO COMMERCIAL OR EDITORIAL SALES IN DENMARK</plus.regionconstraints>

However, we will also continue to populate them in IPTC field "**Special Instructions**" for the time being to ensure that clients who have built automated workflows on these codes have adequate time to migrate to reading the codes from the new XMP fields.

Appendix 4 - Video – Machine Readable Restriction types

The video items may contain new codes. It is applied to any video story where there are restrictions. It is also applied to content from partners that is available on the Reuters Connect website marketplace.

No restrictions

A new code called NORC (No Overall Rights Control) code. It is applied to any story where the restrictions are “Broadcast: None, Digital: None”.

Example use case:

This code can be used to return only content that is unrestricted when executing a search query, if the user knows they do not want to spend any time checking restrictions.

Code	Restrictions meaning	API parameter	API response
NORC	Broadcast: None. Digital: None	signal	"signal":["sic:NORC",]

Broadcast or Digital restriction

Example use case:

Filter out content that cannot be used on television from the search results of a user creating content for a broadcast audience.

Code	Restrictions meaning	API parameter	API response
NUDIG	Digital: No use	signal	"signal":["sic:NUDIG",]
NUBRC	Broadcast: No use	signal	"signal":["sic:NUBRC",]

Manual check

Code	Restrictions meaning	API parameter	API response
MANRC	Indicates that this script must be checked manually to determine usage restrictions.	signal	"signal":["sic:MANRC",]

Appendix 5 – Live event renditions

For HLS

Parameters	Renditions
"code"	"hls:29.97"
"name"	"200Kbps-4Mbps Video: 1080p29.97 h.264"
"frameRate"	"29.97"
"scanType"	"progressive"
"aspectRatio"	"16:9"
"frameSize"	"1920x1080"
"minBitrate"	"200Kbps"
"maxBitrate"	"4Mbps"
"bitrate"	null,
"href": null	"href": null

For RTMP and SRT

Bit rate: 200 kbps (416x234; 30 fps)

Parameters	Renditions
"code"	"rtmp:29.97:200" "srt:29.97:200"
"name"	"200Kbps-4Mbps Video: 1080p29.97 h.264"
"frameRate"	"29.97"
"scanType"	"progressive"
"aspectRatio"	"16:9"
"frameSize"	"416x234"
"minBitrate"	null
"maxBitrate"	null

"bitrate"	"200Kbps"

Bit rate: 600 kbps (640x360; 30 fps)

Parameters	Renditions
"code"	"rtmp:29.97:600" "srt:29.97:600"
"name"	"600Kbps Video: 360p29.97 h.264"
"frameRate"	"29.97"
"scanType"	"progressive"
"aspectRatio"	"16:9"
"frameSize"	"640x360"
"minBitrate"	null
"maxBitrate"	null
"bitrate"	"600Kbps"

Bit rate: 1024 kbps (854x480; 30 fps)

Parameters	Renditions
"code"	"rtmp:29.97:1024" "srt:29.97:1024"
"name"	"1024Kbps Video: 480p29.97 h.264"
"frameRate"	"29.97"
"scanType"	"progressive"
"aspectRatio"	"16:9"
"frameSize"	"854x480"
"minBitrate"	null
"maxBitrate"	null
"bitrate"	"1024Kbps"

Bit rate: 2048 kbps (1280x720; 30 fps)

Parameters	Renditions
"code"	"rtmp:29.97:2048" "srt:29.97:2048"
"name"	"2048Kbps Video: 720p29.97 h.264"
"frameRate"	"29.97"
"scanType"	"progressive"
"aspectRatio"	"16:9"
"frameSize"	"1280x720"
"minBitrate"	null
"maxBitrate"	null
"bitrate"	"2048Kbps"

Bit rate: 4096 kbps (1920x1080; 25 fps)

Parameters	Renditions
"code"	"rtmp:29.97:4096" "srt:29.97:4096"
"name"	"4096Kbps Video: 1080p29.97 h.264"
"frameRate"	"25
"scanType"	"progressive"
"aspectRatio"	"16:9"
"frameSize"	"1920x1080"
"minBitrate"	null
"maxBitrate"	null
"bitrate"	"4096Kbps"

Bit rate: 4096 kbps (1920x1080; 30 fps)

Parameters	Renditions
"code"	"rtmp:29.97:4096" "srt:29.97:4096"
"name"	"4096Kbps Video: 1080p29.97 h.264"
"frameRate"	"29.97"
"scanType"	"progressive"
"aspectRatio"	"16:9"
"frameSize"	"1920x1080"
"minBitrate"	null
"maxBitrate"	null
"bitrate"	"4096Kbps"

Bit rate: 8000 kbps (1920x1080; 30 fps)

Parameters	Renditions
"code"	"rtmp:29.97:8000" "srt:29.97:8000"
"name"	"8000Kbps Video: 1080p29.97 h.264"
"frameRate"	"29.97"
"scanType"	"progressive"
"aspectRatio"	"16:9"
"frameSize"	"1920x1080"
"minBitrate"	null
"maxBitrate"	null
"bitrate"	"8000Kbps"

Bit rate: 8000 kbps (1920x1080; 25 fps)

Parameters	Renditions
"code"	"rtmp:25:8000" "srt:25:8000"
"name"	"8000Kbps Video: 1080p25 h.264"
"frameRate"	"25"
"scanType"	"progressive"
"aspectRatio"	"16:9"
"frameSize"	"1920x1080"
"minBitrate"	null
"maxBitrate"	null
"bitrate"	"8000Kbps"

Technical Support

There are a variety of means by which you can contact Thomson Reuters for support.

One of the easiest is to go to https://liaison.reuters.com/contact-us and complete the request form after which a customer representative should content you within 15 minutes. No sign-in is required.

Or send an email to ReutersMediaSupport@thomsonreuters.com