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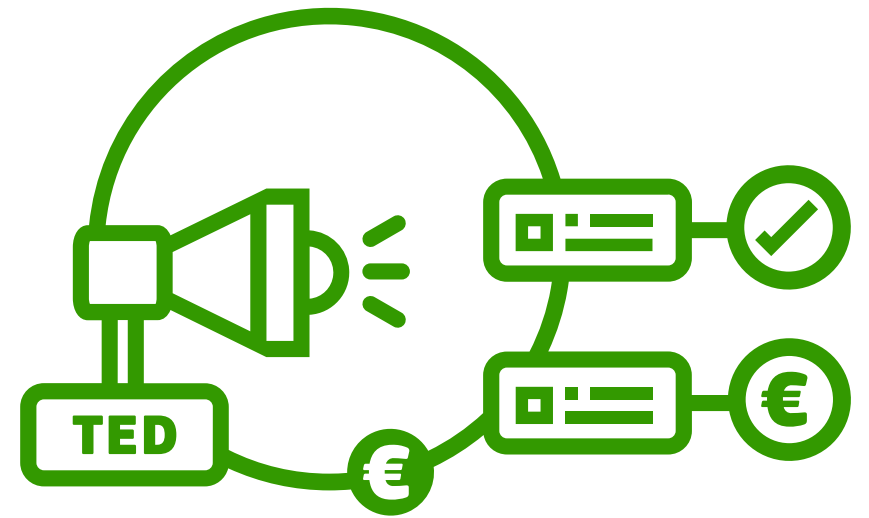
RETRIEVING EFORMS NOTICES FROM TED PORTAL

Workshop on eForms for reusers of TED data

14 June 2023

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Publications Office of the EU



Agenda

- Search for notices published on the TED portal
- Retrieve notices published on the TED portal
- Demo



Search for notices published on the TED portal

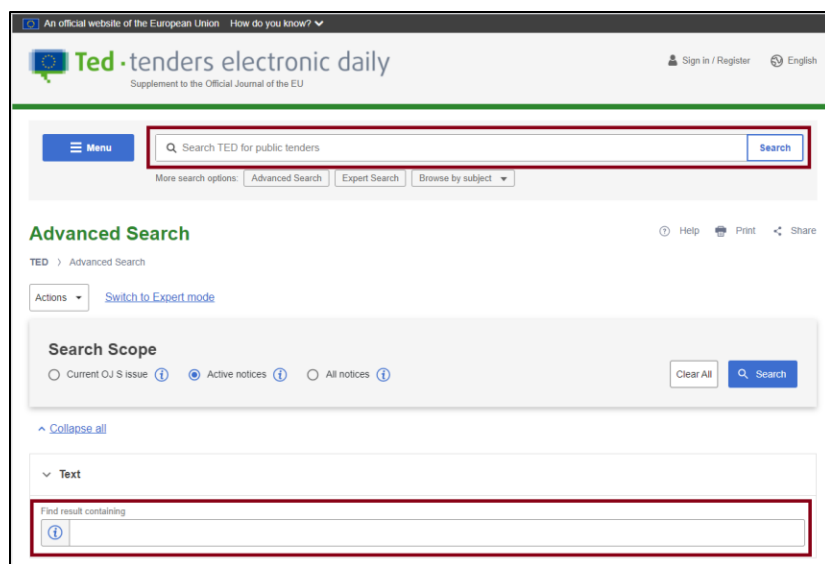
- The user can search in both current standard forms and eForms notices
- Several options to search for notices:
 - Quick search
 - Advanced search
 - Expert search
 - Search API
 - And also RSS feeds, Browse by, OJ S realease.



Changes in the QUICK SEARCH

• New TED

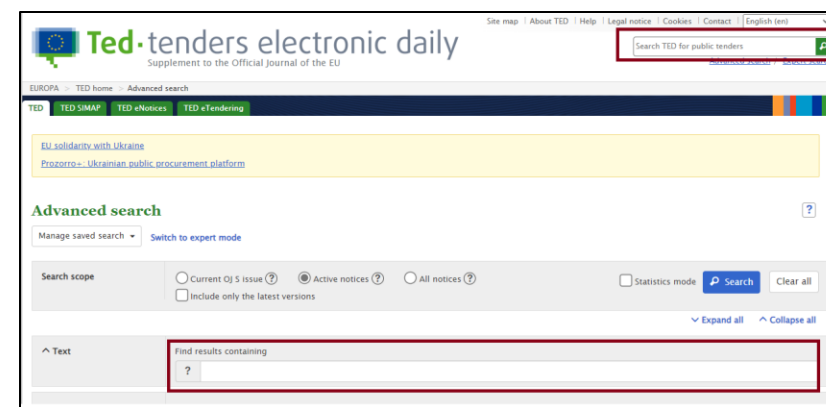
- Search in **any text** of the notices, in **any label of code values** and in **all languages**.



The screenshot shows the 'Ted tenders electronic daily' website. At the top, there is a search bar with the text 'Search TED for public tenders' and a 'Search' button. Below the search bar, there are links for 'More search options', 'Advanced Search', 'Expert Search', and 'Browse by subject'. The 'Advanced Search' section is expanded, showing 'Search Scope' options: 'Current OJ S issue', 'Active notices' (selected), and 'All notices'. There is also a 'Text' section with a 'Find result containing' input field. A red box highlights the search bar and the 'Find result containing' field.

• Current TED

- Limited search
 - List of search fields:
 - Publication number ; Object of the contract (in all 24 EU languages); Common procurement vocabulary (CPV) codes; Common procurement vocabulary (CPV) labels (in all 24 EU languages); Place of performance (NUTS) codes; Town of the buyer; Awarding authority name; Notice title (in all 24 EU languages); Content of the notice, original and summary versions.



The screenshot shows the 'Ted tenders electronic daily' website. At the top, there is a search bar with the text 'Search TED for public tenders' and a 'Search' button. Below the search bar, there are links for 'More search options', 'Advanced Search', 'Expert Search', and 'Browse by subject'. The 'Advanced Search' section is expanded, showing 'Search Scope' options: 'Current OJ S issue', 'Active notices' (selected), and 'All notices'. There is also a 'Text' section with a 'Find results containing' input field. A red box highlights the search bar and the 'Find results containing' field.



QUICK SEARCH - Demo

- Example: full text search of the notice 19849-2023
 - Find the text 'Karlsruhe'
 - <https://{ted-url}/en/search/result?FT=Karlsruhe&publication-number=19849-2023&search-scope=ALL>
 - Find the text 'Services'
 - <https://{ted-url}/en/search/result?FT=Services&publication-number=19849-2023&search-scope=ALL>
 - Find the text 'periodic indicative notice'
 - <https://{ted-url}/en/search/result?FT=periodic+indicative+notice&publication-number=19849-2023&search-scope=ALL>



Changes in the ADVANCED SEARCH

• New TED

Search Scope

Current OJ S issue Active notices All notices

Clear All Search

OJ S issue number: 123/2019 Notice publication number: 262225-2019 or 2019/S 107-262225

Buyer

Official name: National registration number: Country: Town city: Type of buyer: Main activity:

Funding

External aid programmes EIB non-EU promoters

Legal basis

Concession contracts (Directive 2014/23/EU)
 Defence contracts (Directive 2009/81/EC)
 General contracts (Directive 2014/24/EU)
 Utility contracts – water, energy, transport and postal services (Directive 2014/25/EU)
 EU institutions' contracts (Regulation 2018/1046/EU)

Legal basis: Others legal basis:

- Search field legal-basis-text

• Current TED

Search scope: Current OJ S issue Active notices All notices

Statistics mode Search Clear all

Include only the latest versions

Minimum tender value: Maximum tender value: Currency: +

Procedure

Type of procedure: Languages in which tenders may be submitted: +

Date

Publication date: Specific date: Date range: dd/mm/yyyy dd/mm/yyyy dd/mm/yyyy

Deadline for submission: Specific date: Date range: dd/mm/yyyy dd/mm/yyyy dd/mm/yyyy

Deadline for requests for documents: Specific date: Date range: dd/mm/yyyy dd/mm/yyyy dd/mm/yyyy

Published in the Supplement to the Official Journal

OJ S issue number: Notice publication number: 123/2019 262225-2019 or 2019/S 107-262225

Buyer

Official name: National registration number: Country: Town city: +

Type of buyer: Main activity: +

Legal basis

Concession contracts (Directive 2014/23/EU)
 Defence contracts (Directive 2009/81/EC)
 General contracts (Directive 2014/24/EU)
 Utility contracts – water, energy, transport and postal services (Directive 2014/25/EU)
 EU institutions' contracts (Regulation 2018/1046/EU)
More options: +

Funding

External aid programmes
 EIB non-EU promoters



ADVANCED SEARCH – Demo

- Example:
 - Find a ‘result’ of an ‘open’ procedure where the place of performance is ‘Ukraine’, the nature of the contract is ‘services’ and the legal-basis-text contains ‘European Investment Bank (EIB)’
 - <https://ted-url/en/search/result?notice-type=can-standard%2Ccan-social%2Ccan-desg%2Ccan-tran&contract-nature=services&place-of-performance=UKR&procedure-type=open&legal-basis-text=European+Investment+Bank&search-scope=ALL>
- Note: the search field legal-basis-text is based on:
 - eForms : field metadata 'Procedure Legal Basis (ID)' - BT-01(c)-Procedure
 - TED schema : Other legal basis



Improved EXPERT SEARCH

- User interface helping the user to build the query
- More search fields: specific search fields for eForms
- Search field aliases
- Improved query syntax

Search Scope

Current OJ S issue ⓘ Active notices ⓘ All notices ⓘ

Expert Query*

Code Text

```
1 (legal-basis-text ~ (European Investment Bank)) AND (procedure-type IN (open))  
AND (place-of-performance IN (UKR)) AND (contract-nature IN (services)) AND  
(notice-type IN (can-standard can-social can-desg can-tran)) AND notice-type-
```

OR AND NOT >
< >= <= -
!- = != IN
NOT IN SORT BY

[Check syntax](#)

The values in the query cannot start with a wildcard (*,?).

Search fields

Filter

[Expand all](#)

- Text
- Business opportunities
 - Notice type [notice-type]
 - Subject matter of the contract
- Procedure
- Date
- Published in the Supplement to the Official Journal
- Buyer
- Funding
- Legal basis
- More fields

Notice type

- **Description:** Notice type
- **Example:** notice-type = (corr, can-tran, can-modif)

Choose field value

Filter

- Change notice [corr]
- Contract award notice for public passenger transport services [can-tran]
- Contract modification notice [can-modif]
- Contract notice – light regime [cn-social]
- Contract or concession award notice – light regime [can-social]
- Contract or concession award notice – standard regime [can-standard]
- Contract or concession notice – standard regime [cn-standard]
- Design contest notice [cn-desg]



EXPERT SEARCH

Improved user interface

- **User interface helping the user to build the query:**

- Switch the query in 'Code' or 'Text' mode
- Option to check the syntax
- Menu with the list of search fields
- Description and example of each search field

The screenshot displays the 'Expert Search' interface. At the top, there are radio buttons for 'Current OJ S issue', 'Active notices', and 'All notices'. Below this is the 'Expert Query*' section with radio buttons for 'Code' (selected) and 'Text'. A text area contains a complex query: `1 (legal-basis-text ~ (European Investment Bank)) AND (procedure-type IN (open)) AND (place-of-performance IN (UKR)) AND (contract-nature IN (services)) AND (notice-type IN (can-standard can-social can-desg can-tran)) AND notice-type-`. To the right of the text area are buttons for logical operators: OR, AND, NOT, >, <, >=, <=, -, !-, =, !=, IN, NOT IN, and SORT BY. Below the text area are 'Check syntax', 'Clear', and 'Search' buttons. A note states: 'The values in the query cannot start with a wildcard (*,?).' Below the query editor is a 'Search fields' section with a filter input and a list of fields: Text, Business opportunities (expanded to show Notice type [notice-type]), Subject matter of the contract, Procedure, Date, Published in the Supplement to the Official Journal, Buyer, Funding, Legal basis, and More fields. To the right is a 'Notice type' section with a description and example: 'Description: Notice type' and 'Example: notice-type = (corr, can-tran, can-modif)'. Below this is a 'Choose field value' section with a filter input and a list of checkboxes for various notice types: Change notice [corr], Contract award notice for public passenger transport services [can-tran], Contract modification notice [can-modif], Contract notice – light regime [cn-social], Contract or concession award notice – light regime [can-social], Contract or concession award notice – standard regime [can-standard], Contract or concession notice – standard regime [cn-standard], and Design contest notice [cn-desg]. An 'Add to query' button is at the bottom right.



EXPERT SEARCH

More search fields

- More search fields
 - About 350 search fields
 - Specific search fields for eForms

The screenshot displays the 'Expert Search' interface. On the left, under 'Search fields', there is a search bar and a dropdown menu for 'Legal basis'. The 'More fields' dropdown is expanded, showing a list of search fields such as 'A guarantee is required. [guarantee-required-loc]', 'AC. [AC]', 'Activity of the contracting authority. [authority-main-activity]', and 'Additional buyer coverage. [framework-buyer-categories-loc]'. On the right, under 'Activity of the contracting authority', there is a description and an example: 'Description: Activity of the contracting authority' and 'Example: authority-main-activity = (airport, defence, econ-aff)'. Below this is a 'Choose field value' section with a search bar and a list of checkboxes for various activities, including 'Airport-related activities [airport]', 'Defence [defence]', 'Economic affairs [econ-aff]', 'Education [education]', 'Electricity-related activities [electricity]', 'Environmental protection [env-pro]', 'Exploration or extraction of coal or other solid fuels [solid-fuel]', 'Extraction of gas or oil [gas-oil]', and 'General public services [gen-srv]'. An 'Add to query' button is located at the bottom right of the 'Choose field value' section.

EXPERT SEARCH

Search field aliases

- **Search fields aliases:**

- Example: finding notices by publication date
 - Search field PD (used in the current TED) - PD=20220614
 - Search field 'human readable' - publication-date=20220614
 - Search field using metadata field - BT-05(a)-notice=20220614



EXPERT SEARCH

Improved query syntax

Query syntax format of the new TED

- the search term enclosed in **parenthesis**;
- a search term containing a blank space must be enclosed in double quotation marks;
- Operators: OR, AND, NOT, >, <, >=, <=, ~, !~, =, !=, **IN**, **NOT IN**, **SORT BY**
- a wildcard (*) or single character (?) can be used for a search term;

- example

FT="réalisation de prestations de conseil en communication" and notice-type=(cn-standard or cn-social) and PD=(20220101 <> 20221231) and NC=(services) and RC=(FRA)

FT ~ "réalisation de prestations de conseil en communication" and notice-type IN (cn-social cn-standard) and publication-date >=20220101<=20221231 and contract-nature=services and place-of-performance=FRA

Query syntax format of the current TED

- the search term enclosed in square brackets;
- a search term containing a blank space must be enclosed in double quotation marks;
- Operators: OR, AND, NOT, >, <, >=, <=, <>, ><, =
- a wildcard (*) or single character (?) can be used for a search term;

- example:

FT=["réalisation de prestations de conseil en communication"] and notice-type=[cn-standard or cn-social] and PD=[20220101 <> 20221231] and NC=[services] and RC=[FRA]



EXPERT SEARCH – Demo

- Example:

Find a ‘result’ of an ‘open’ procedure where the place of performance is ‘Ukraine’, the nature of the contract is ‘services’ and the legal-basis-text contains 'European Investment Bank (EIB)'

- <https://ted-url/en/search/result?query=%28legal-basis-text+%7E+%28European+Investment+Bank%29%29+AND+%28procedure-type+IN+%28open%29%29+AND+%28place-of-performance+IN+%28UKR%29%29+AND+%28contract-nature+IN+%28services%29%29+AND+%28notice-type+IN+%28can-standard+can-social+can-desg+can-tran%29%29&scope=ALL>

The image displays two side-by-side screenshots of the Expert Search interface, illustrating the search query in different modes.

Left Screenshot (Code mode): The 'Code' radio button is selected. The search query is displayed in a text area:

```
1 (legal-basis-text ~ (European Investment Bank)) AND (procedure-type IN (open)) AND (place-of-performance IN (UKR)) AND (contract-nature IN (services)) AND (notice-type IN (can-standard can-social can-desg can-tran))
```

Buttons for 'Check syntax', 'Clear', and 'Search' are visible at the bottom.

Right Screenshot (Text mode): The 'Text' radio button is selected. The search query is displayed in a text area:

```
1 ( Legal Basis Of The Procedure (Description) ~ (European Investment Bank)) AND ( Type Of Procedure IN ( Open )) AND ( Place Of Performance IN ( Ukraine )) AND ( Nature Of The Contract IN ( Services )) AND ( Notice Type IN ( Contract Or Concession Award Notice – Standard Regime Contract Or Concession Award Notice – Light Regime Design Contest Result Notice Contract Award Notice For Public Passenger Transport Services ))
```

Buttons for 'Check syntax', 'Clear', and 'Search' are visible at the bottom.



Improved SEARCH RESULT PAGE

- Search criteria included in the URL
 - The user will be able to modify the search criteria from the URL.
- Export search result
 - Export formats: Excel, CSV and PDF
 - Several metadata can be exported
- Download notices from search result
 - Formats: unsigned PDF, signed PDF, XML
- Improved facets

The screenshot displays the TED search results page. The URL in the browser is `https://beta.tedv2.spikeseed.cloud/en/search/result?contract-nature=services&search-scope=ACTIVE`. The page header includes the TED logo and navigation options. A search bar contains the text "Search TED for public tenders". Below the search bar, there are options for "Advanced Search", "Expert Search", and "Browse by subject". The main content area is titled "Search Result" and shows search criteria: "Search Scope: Active notices", "Nature of the contract: Services", and "Sorted by Notice publication number: Descending". There are buttons for "Edit search", "Save search", and "Create Search Alert". A pagination bar shows "From 1 - 50 to 46202". Below this, there are buttons for "Clear Selection", "Create notice alert", "Download", and "Export list". The results table has columns for "Notice Number", "Description", "Country", "Publication Date", and "Deadline". A single result is visible: "Malta-Valletta: Cleaning Services and Waste Removal Services" with notice number "20972-2023", published on "07/02/2023" and deadline "24/02/2023".



SEARCH RESULT PAGE

Search criteria included in the URL

- The user will be able to modify the search criteria from the URL.

Example:

- Find notices where the contract-nature is 'services' – search scope : 'Active notices'

<https://{ted-url}/en/search/result?contract-nature=services&search-scope=ACTIVE>



- Find notices where the contract-nature is 'works' – search scope : 'All notices'

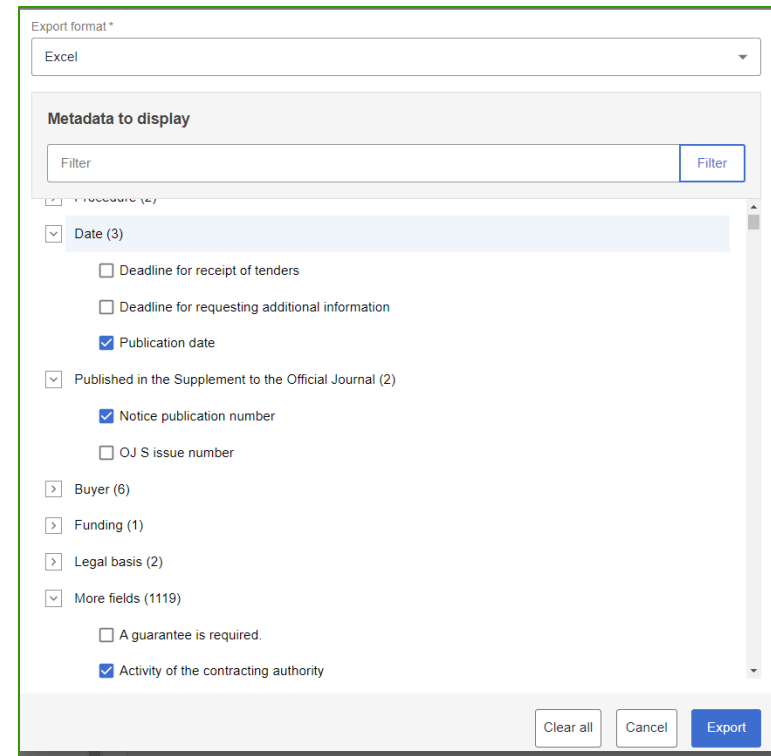
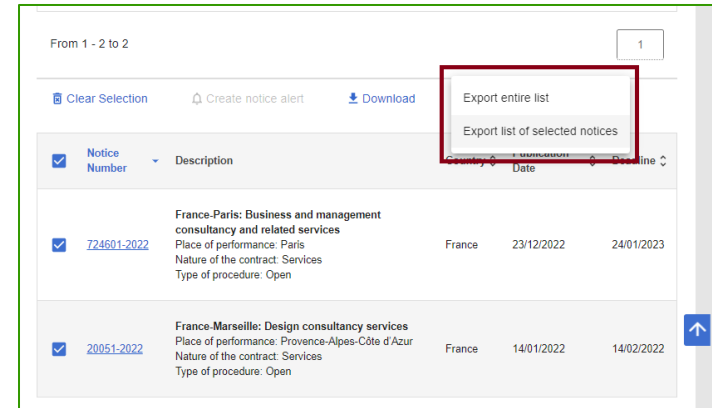
<https://{ted-url}/en/search/result?contract-nature=works&search-scope=ALL>



SEARCH RESULT PAGE

Export search result

- **The user will be able to export the search results**
 - Export format: Excel, CSV and PDF
 - Several metadata can be exported
 - **Limits:**
 - For signed in users:
 - PDF: 150k fields; Excel: 150k fields; CSV: 450k fields.
 - For not signed in in users:
 - PDF: 30k fields; Excel: 30k fields; CSV: 90k fields.
- Note: this functionality is an improvement of the option 'Statistic mode' in the current TED



SEARCH RESULT PAGE

Download notices from search result

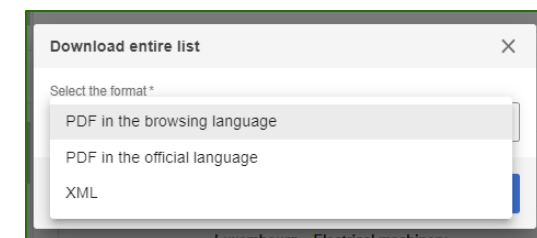
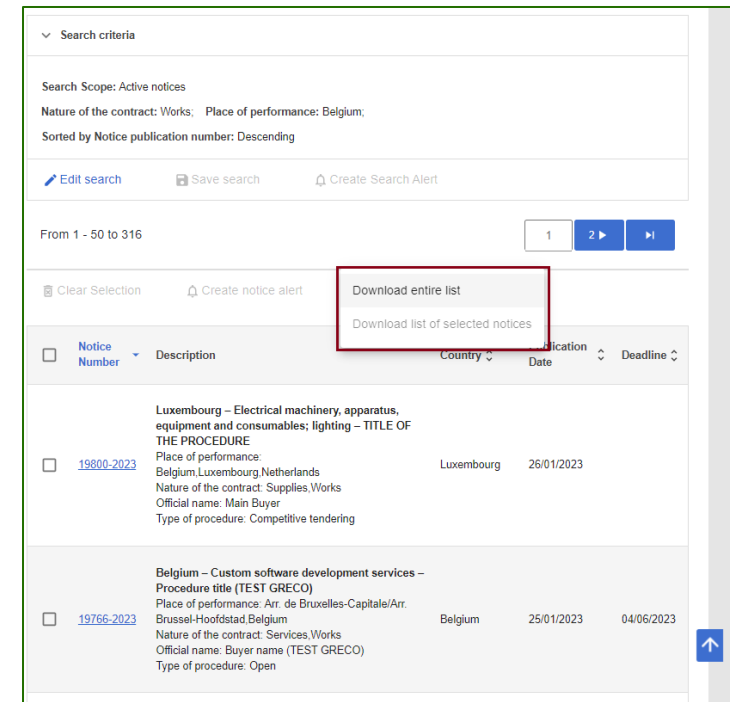
- **The user will be able to download notices from the search results**

- Download format:

- Non-signed PDF format for the download in the browsing language
- Signed PDF format for the download in the official language
- XML format for the download in XML.

- Limits:

- For signed in users:
 - XML: 45000 notices; PDF: 15000 notices.
- For not signed in users:
 - XML: 9000 notices; PDF: 3000 notices.



Improved SEARCH API (1/2)

Main changes:

- **New search API:** non-backward compatible
- **Response file:**
 - Contains the total number of notices that match the search, and a list of results.
 - Each result contains the fields indicated in the request.
 - Each item contains the list of URLs for the various formats and languages in which the corresponding notice is available.
- **Two search modes:**
 - **Pagination mode:** allows to retrieve up to 15000 notices for a given query, using pagination.
 - **Scroll mode:** allows to retrieve more notices

The screenshot shows the Swagger UI for the TED Search API. The page title is "TED Search API" and it includes an "Introduction" section. The "Public API search modes" section describes two modes: "Pagination mode" and "Scroll mode". The "Definition of limits" section lists constraints for retrievable notices, notices per page, and fields per page. The "Search using pagination mode of public API" section details the pagination limits. The "Search using scroll mode of public API" section details the scroll mode limits. At the bottom, there is a "Servers" dropdown menu set to "(search)", a "notice-search-v1" section, and a "POST /api/v1/notices/search" endpoint with a "Schemas" dropdown menu.



Improved SEARCH API (2/2)

Main Parameters:

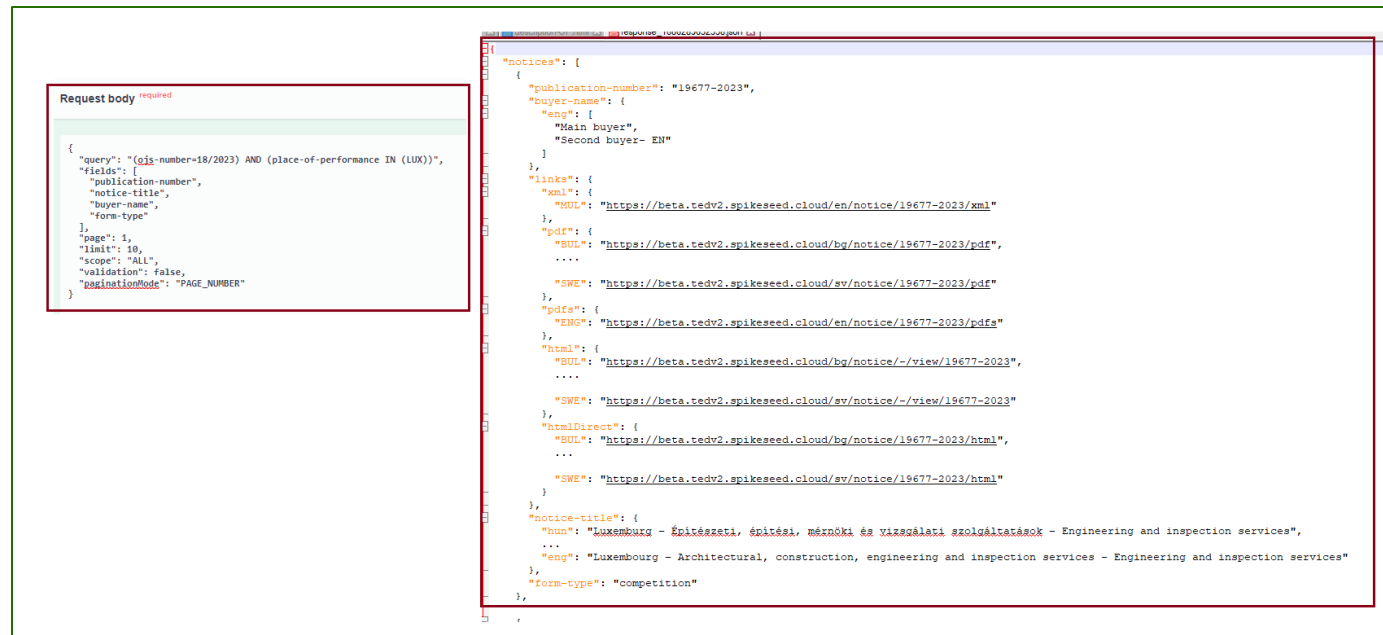
- **Query:** Expert search query to filter and sort notice
- **Fields:** Fields to return for each notice
- **Page:** Result page number, used to paginate results
- **Limit:** Maximum number of returned notices, used to paginate results
- **Scope:** Search scope (LATEST, ACTIVE, ALL)
- **Pagination Mode:** (PAGE_NUMBER, ITERATION)
 - PAGE_NUMBER mode allows you to retrieve up to 15000 notices for a given query, using pagination.
 - ITERATION mode allows to retrieve more notices.

```
PublicExpertSearchRequestV1 {
  description: Request body of the notice search endpoint
  query*      string
              Expert search query to filter and sort notices
  fields*     > [...]
  page        integer($int32)
              minimum: 1
              default: 1
              Result page number, used to paginate results
  limit       integer($int32)
              minimum: 0
              default: 10
              Maximum number of returned notices, used to paginate results.
              You can retrieve up to 250 notices per page, and 10000 fields per page (the number of fields per page corresponds to the size of the "fields" array multiplied by the value of "limit").
  scope       string
              default: LATEST
              Search scope (LATEST: only notices of the current OJ S release, ACTIVE: only active notices, ALL: all notices)
              Enum:
                [ LATEST, ACTIVE, ALL ]
  validation  boolean
              default: false
              Whether only the query is syntactically checked without returning notices
  paginationMode string
              default: PAGE_NUMBER
              The PAGE_NUMBER mode allows you to retrieve up to 15000 notices for a given query, using pagination. To retrieve more notices, you can use the ITERATION mode. ITERATION mode does not have limitation on the number of retrievable notices, but you can't choose the page you want to retrieve. The first request will return an iterationNextToken that should be provided to the next call of the search endpoint in order to retrieve the next result page.
  iterationNextToken string
              Enum:
                [ PAGE_NUMBER, ITERATION ]
              Opaque token returned by the previous call to the search endpoint to retrieve the next result page. Shouldn't be provided in PAGE_NUMBER mode or if this is the first request in ITERATION mode.
}
```



SEARCH API – Demo (1/2)

- Example:
 - Find notices of the OJ S 18/2023 where the place of performance is Luxembourg; the result must contain the publication-number, the notice-title, the buyer-name and the form-type .
Search mode: pagination



```
Request body required
{
  "query": "(ojs-number=18/2023) AND (place-of-performance IN (LUX))",
  "fields": [
    "publication-number",
    "notice-title",
    "buyer-name",
    "form-type"
  ],
  "page": 1,
  "limit": 10,
  "scope": "ALL",
  "validation": false,
  "paginationMode": "PAGE_NUMBER"
}

"notices": [
  {
    "publication-number": "19677-2023",
    "buyer-name": {
      "eng": {
        "Main buyer",
        "Second buyer- EN"
      }
    },
    "links": {
      "xml": {
        "MDL": "https://beta.tedv2.spikeseed.cloud/en/notice/19677-2023/xml"
      },
      "pdf": {
        "BOL": "https://beta.tedv2.spikeseed.cloud/bg/notice/19677-2023/pdf",
        ...
        "SWE": "https://beta.tedv2.spikeseed.cloud/sw/notice/19677-2023/pdf"
      },
      "pdfa": {
        "ENG": "https://beta.tedv2.spikeseed.cloud/en/notice/19677-2023/pdfa"
      },
      "html": {
        "BOL": "https://beta.tedv2.spikeseed.cloud/bg/notice/-/view/19677-2023",
        ...
        "SWE": "https://beta.tedv2.spikeseed.cloud/sw/notice/-/view/19677-2023"
      },
      "htmlDirect": {
        "BOL": "https://beta.tedv2.spikeseed.cloud/bg/notice/19677-2023/html",
        ...
        "SWE": "https://beta.tedv2.spikeseed.cloud/sw/notice/19677-2023/html"
      }
    },
    "notice-title": {
      "hun": "Luxembourg - Építészeti, építési, mérnöki és vizsgálati szolgáltatások - Engineering and inspection services",
      ...
      "eng": "Luxembourg - Architectural, construction, engineering and inspection services - Engineering and inspection services"
    },
    "form-type": "competition"
  },
  ...
]
```



SEARCH API – Demo (2/2)

- Example:
 - Find notices where the place of performance is Luxembourg; the result must contain the publication-number.

Search mode: iteration

```
{
  "query": "(place-of-performance IN (LUX))",
  "fields": [ "publication-number" ],
  "limit": 10,
  "scope": "ACTIVE",
  "paginationMode": "ITERATION "
}
```

Response body

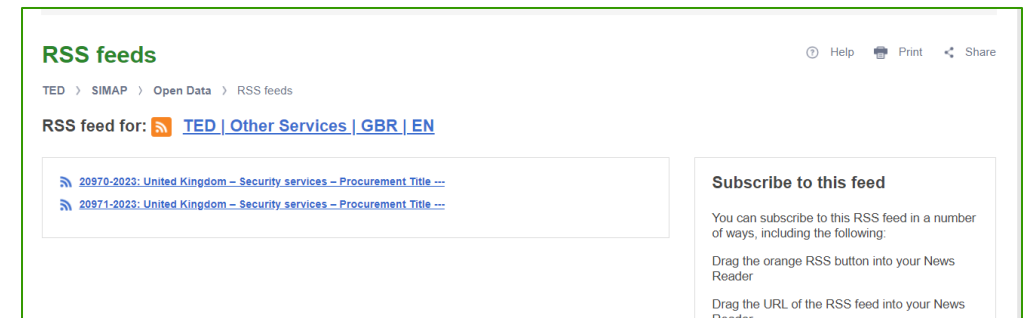
```
"ELL": "https://beta.tedv2.spikeseed.cloud/el/notice/228214-2019/html",
"ENG": "https://beta.tedv2.spikeseed.cloud/en/notice/228214-2019/html",
"FRA": "https://beta.tedv2.spikeseed.cloud/fr/notice/228214-2019/html",
"GLE": "https://beta.tedv2.spikeseed.cloud/ga/notice/228214-2019/html",
"HRV": "https://beta.tedv2.spikeseed.cloud/hr/notice/228214-2019/html",
"ITA": "https://beta.tedv2.spikeseed.cloud/it/notice/228214-2019/html",
"LAV": "https://beta.tedv2.spikeseed.cloud/lv/notice/228214-2019/html",
"LIT": "https://beta.tedv2.spikeseed.cloud/lt/notice/228214-2019/html",
"HUN": "https://beta.tedv2.spikeseed.cloud/hu/notice/228214-2019/html",
"MLT": "https://beta.tedv2.spikeseed.cloud/mt/notice/228214-2019/html",
"NLD": "https://beta.tedv2.spikeseed.cloud/nl/notice/228214-2019/html",
"POL": "https://beta.tedv2.spikeseed.cloud/pl/notice/228214-2019/html",
"POR": "https://beta.tedv2.spikeseed.cloud/pt/notice/228214-2019/html",
"RON": "https://beta.tedv2.spikeseed.cloud/ro/notice/228214-2019/html",
"SLK": "https://beta.tedv2.spikeseed.cloud/sk/notice/228214-2019/html",
"SLV": "https://beta.tedv2.spikeseed.cloud/sl/notice/228214-2019/html",
"FIN": "https://beta.tedv2.spikeseed.cloud/fi/notice/228214-2019/html",
"SWE": "https://beta.tedv2.spikeseed.cloud/sv/notice/228214-2019/html"
}
}
},
"totalNoticeCount": 377,
"iterationNextToken": "VDD/z7htE8GdCTWxbrRyJw+T7tqs3N7Syb9/WizgA0ie6Q1yIV5xbMf5REnc4SHpldc91pceoipAJYnIc1LmAQpVQGpu4FOQ01Jk7aHcU+2AMbr1pmKLE8pjEtghSfwwBmhSJ6ZiptxHXuxDkKQR10dTWwMls7Ig3ccVGCRXJY="
}
```



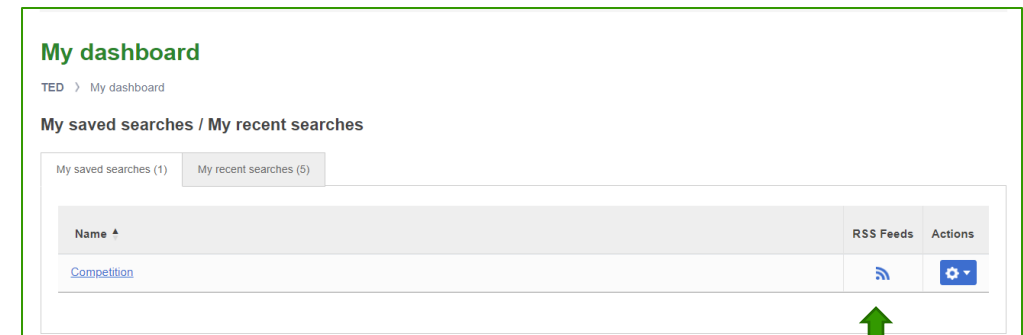
RSS FEEDS

As in the current TED portal, the user will be able:

- To **subscribe RSS feeds** broken down by business sector



- To **activate custom RSS feeds** from 'My saved searches'



Retrieve notices published on the new TED portal

Several options to retrieve notices:

- Direct links.
- Download XML notices in bulk from the TED website.

- Note:

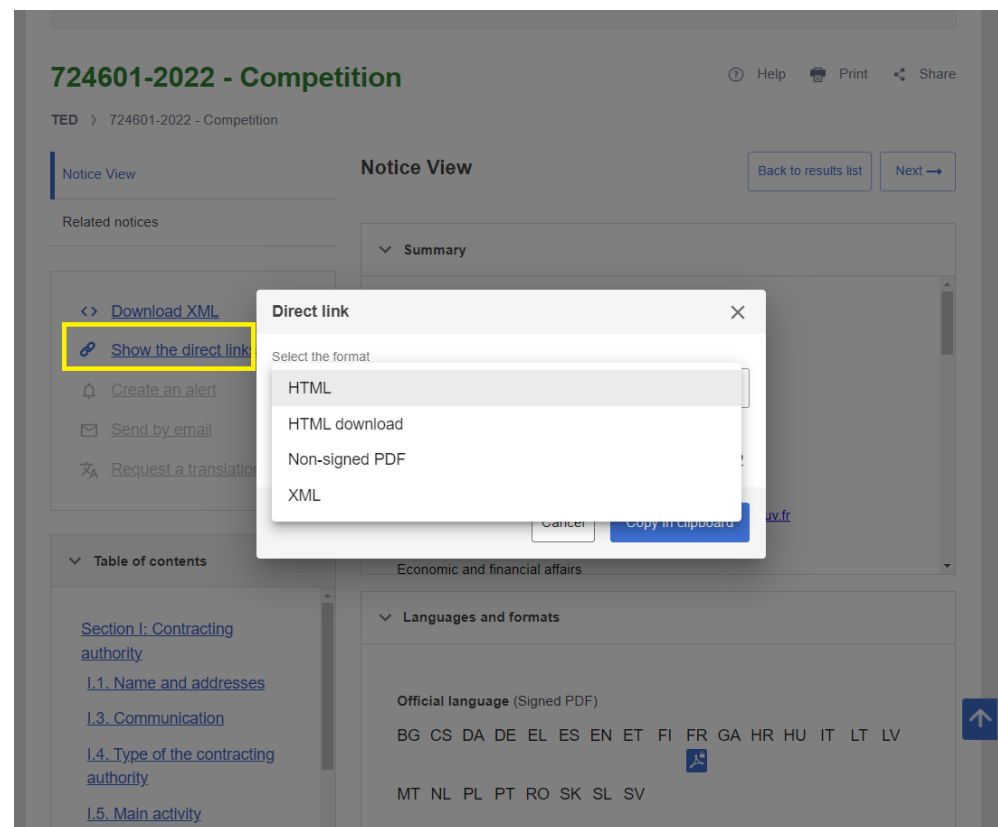
The option to download XML notices in bulk from the TED FTP server is not available in the new TED portal.



Retrieve notices using direct links

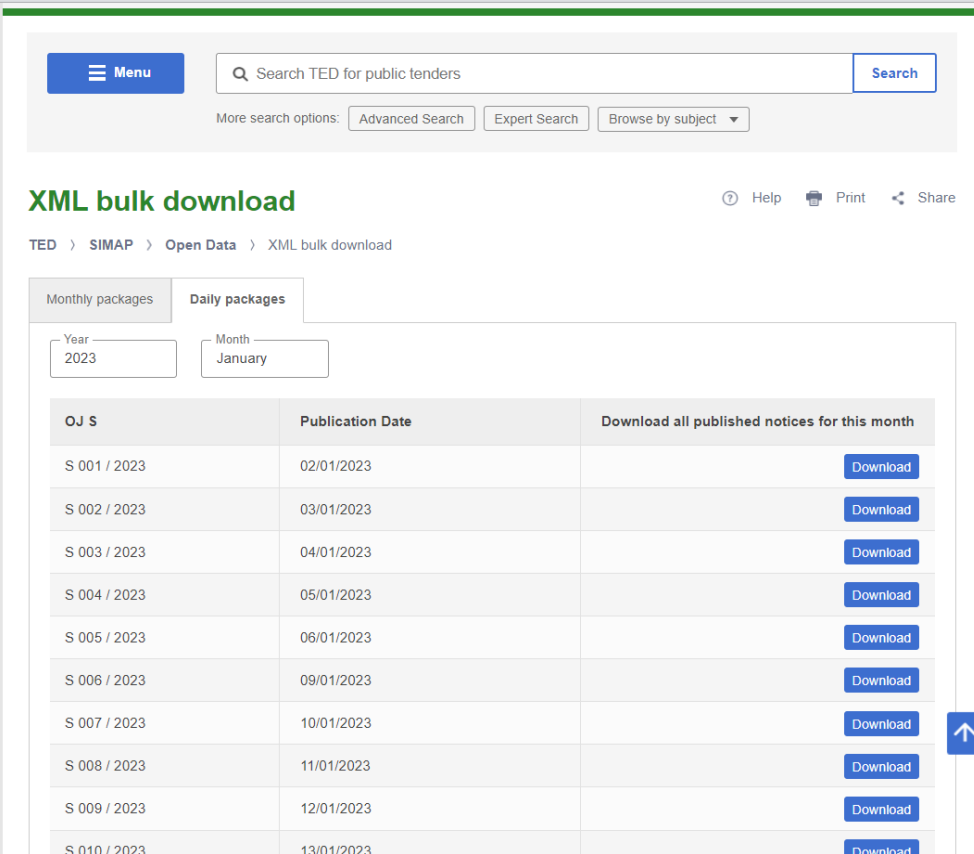
Format of the URLs of the direct link:

- <https://{ted-url}/{lang}/notice/{publication-number}/{format}>
 - where:
 - {lang} is the language
 - {publication-number} is the publication number
 - {format} can be :
 - html: to display the HTML download file
 - pdf: to download the notice as PDF
 - pdfs: to download the notice as signed PDF
 - xml: to download the notice as XML.
 - The direct link of the notice view page is as follows:
 - <https://{ted-url}/{lang}/notice/-/detail/{publication-number}>
- Backward compatibility with the current TED:
- Example :
 - <https://{ted-url}/udl?uri=TED:NOTICE:735065-2022:TEXT:EN:HTML>
 - <https://{ted-url}/EN/notice/-/detail/735065-2022>



Download XML notices in bulk from the TED website. (1/2)

- The user can download XML notices in bulk from the TED website.
 - Daily packages: archives containing all the notices for each day
 - Monthly packages: archives containing all the notices for each month
- Note:
 - No need to sign in to download the daily or monthly packages
- Examples:
 - Download the daily package of the OJ S 1 / 2023
<https://ted-url/orchestrator/packaging/daily/202300001>
 - Download the monthly package of the 01/2023
<https://ted-url/orchestrator/packaging/monthly/2023-1>



The screenshot shows the TED website's XML bulk download interface. At the top, there is a search bar with the text "Search TED for public tenders" and a "Search" button. Below the search bar, there are links for "Advanced Search", "Expert Search", and "Browse by subject". The main heading is "XML bulk download" with a "Help" link, "Print" icon, and "Share" icon. Below the heading, there are tabs for "Monthly packages" and "Daily packages". There are input fields for "Year" (2023) and "Month" (January). Below these fields is a table with three columns: "OJ S", "Publication Date", and "Download all published notices for this month". The table contains 10 rows of data, each with a "Download" button.

OJ S	Publication Date	Download all published notices for this month
S 001 / 2023	02/01/2023	Download
S 002 / 2023	03/01/2023	Download
S 003 / 2023	04/01/2023	Download
S 004 / 2023	05/01/2023	Download
S 005 / 2023	06/01/2023	Download
S 006 / 2023	09/01/2023	Download
S 007 / 2023	10/01/2023	Download
S 008 / 2023	11/01/2023	Download
S 009 / 2023	12/01/2023	Download
S 010 / 2023	13/01/2023	Download



Download XML notices in bulk from the TED website. (2/2)

Extension of the notice publication number to 8 digits

- In comparison to the current TED website, the **new TED website** allows a maximum of 99 999 999 notices to be published per year (i.e. 8 digits, e.g. 1-2024, 87654321-2022).
- Due to this extension, the XML packages contain two ways of numbering XML files:
 - for eForms notices the files has 8 digits (e.g. 00654321_2022.xml)
 - for TED schema notices the file has 6 digits (e.g. 123456_2022.xml).
- The publication number has 8 digits for eForms notices and 6 digits for TED schema notices.



THANK YOU



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of the European Union