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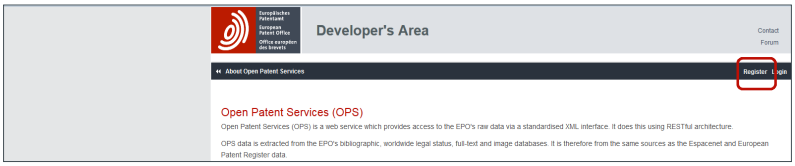
How to test OPS using the new Developer's Area

1 September 2017

To be able to test you need a valid OPS account



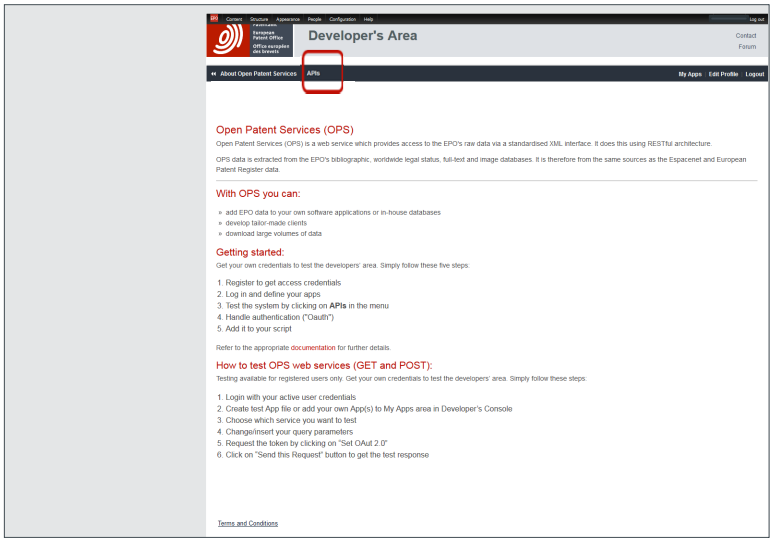
OPS can only be tested with valid user credentials

If you don't have them, you need to register an OPS account first and only after the EPO approves/validates your request you can start testing this web service

If you do, just log in with your credentials

1. Log in with your username and password

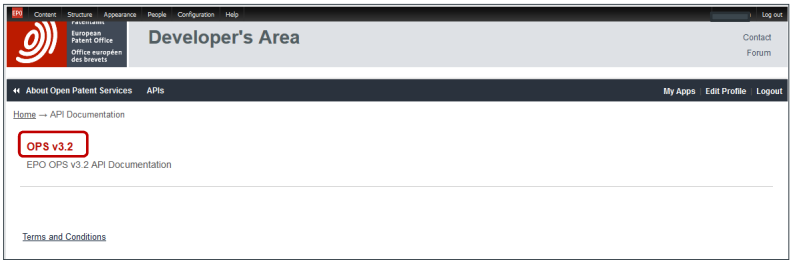
2. Click “APIs” to get to the testing environment



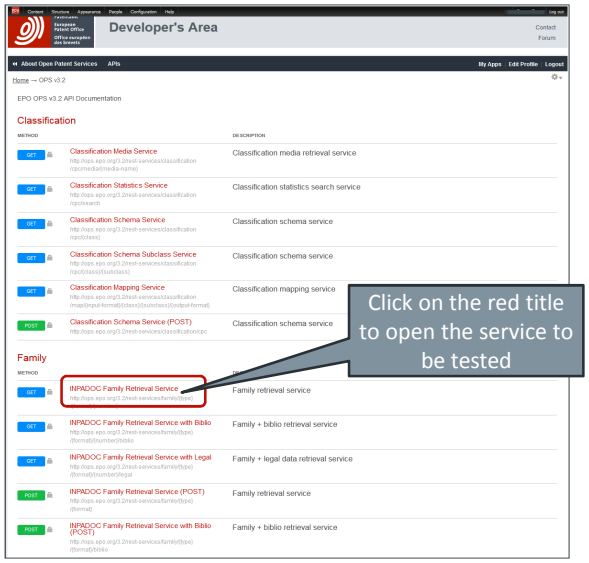
3. Add testing or real App to “My apps”

You can use your already defined Apps or just create a dummy App for testing purpose as described in this slide

4. To get to the testing media click on “OPS v3.2”



5. Choose a service

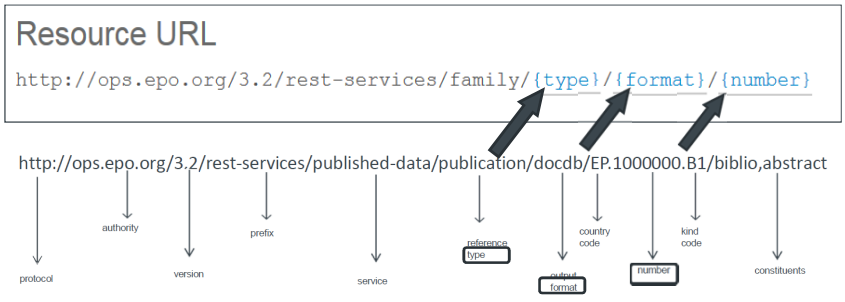


6. Test your request

When you use this testing environment for the first time, you might need to complete the template first.

You will have to replace the terms in brackets with a proper query.

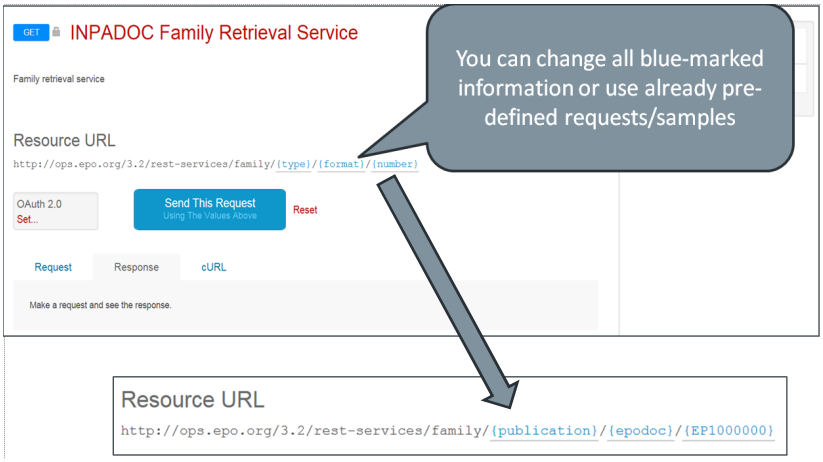
The example will then stay in the system also for other services, but you can replace it anytime you like.



NOTE: for the EPODOC format, the {number} would be the combined country code, number and possibly kind code, see https://www.epo.org/searching-for-patents/technical/espacenet/ops/faq.html#faq-81

Only the DOCDB format needs dots to separate country code.number.kind code

7. Set a query or use the default query



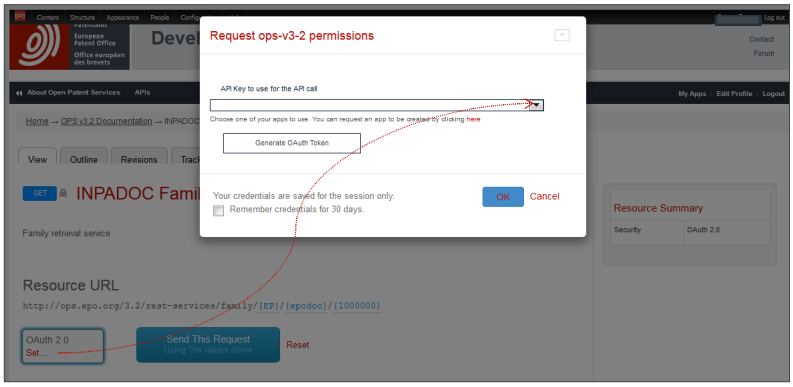
8. Set your authentication

Click on the "Set..." link to choose your credentials

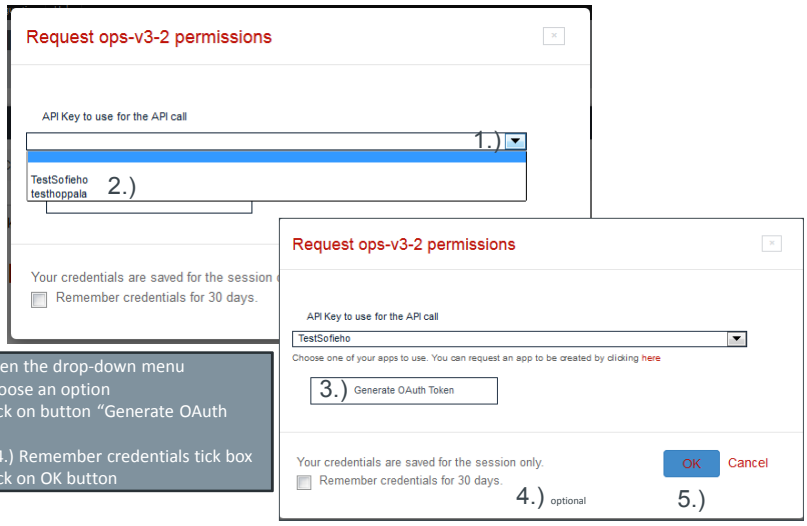
NOTE:
You have to set/renew your authentication every 20 minutes, by clicking on this button.

Since you have the possibility to add many Apps into your account, you can always choose which authentication you want to use for testing.

9. Press Set to define which Authentication you want to use

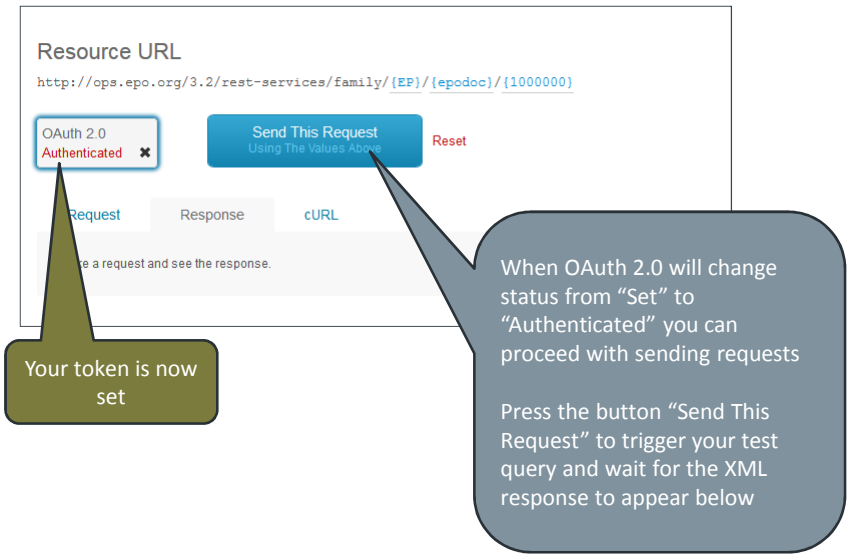


10. Choose the API to generate the authentication token



1.) Open the drop-down menu
2.) Choose an option
3.) Click on button "Generate OAuth Token
optional 4.) Remember credentials tick box
5.) Click on OK button

11. Send your request



12. Your response

```
<<?xml version="1.0" encoding="UTF-8"?><?xml-stylesheet type="text/xsl"
href="/3.2/style/family.xsl"?>
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xmlns:ops="http://ops.epo.org" xmlns:xlink="http://www.w3.org/1999/xlink">
  <ops:patent-family legal="false" total-result-count="6">
    <ops:publication-reference>
      <document-id document-id-type="epodoc">
        <doc-number>EP1000000</doc-number>
      </document-id>
    </ops:publication-reference>
    <ops:family-member family-id="19768124">
      <publication-reference>
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          <doc-number>1000000</doc-number>
          <kind>A1</kind>
          <date>20000517</date>
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          <doc-number>99203729</doc-number>
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          <date>19991108</date>
        </document-id>
      </application-reference>
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          <doc-number>1010536</doc-number>
          <kind>A</kind>
          <date>19981112</date>
        </document-id>
        <priority-active-indicator>YES</priority-active-indicator>
      </priority-claim>
    </ops:family-member>
    <ops:family-member family-id="19768124">
      <publication-reference> ...
```

Possible constituents in OPS and how they can be combined

OPS main services and its constituents

Services	Endpoints	Constituents	Can be combined
Published-data services	/[3]	/biblio	+
		/abstract	+
		/full-cycle	+
	/image		
	/fulltext		
	/claims		
	/description		
	/equivalents[4]	/biblio	+
		/abstract	+
		/full-cycle	+
Bibliographic search	/[4]	/biblio	+
		/abstract	+
		/full-cycle	+
Family service	/[4]	/biblio	+
		/legal	+
Register retrieval	/[3]	/biblio	+
		/events	+
		/procedural-steps	+
		/upp	+
Register search	/[4]	/biblio	+
		/events	+
		/procedural-steps	+
		/upp	+

[3] no constituent (/) defaults to biblio request
[4] no constituent (/) results list of numbers

Also available are:
- OPS Legal,
- OPS Number search
- OPS CPC search

Documentation and Help

- OPS documentation:

https://www.epo.org/searching-for-patents/technical/espacenet/ops.html#tab-3

- OPS FAQ's:

https://www.epo.org/searching-for-patents/technical/espacenet/ops/faq.html

- OPS Forum:

https://forums.epo.org/open-patent-services-ops-and-raw-data-subscription-products-35/

- Or write to patentdata@epo.org

NOTE
Please note that the EPO does not assume any responsibility for any malfunction of the testing feature of the API Console