SHERPA/RoMEO
API Access Keys

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University of Nottingham
4th October 2011
Outline

• Why API Access Keys?
• How to get an API Key
  – Register
  – Confirm
  – Use
• Changing API Keys
  – Editing the registered details
  – Changing passwords
• Further Information
Why API Access Keys?

- Better monitoring of heavy users
  - Improved efficiency for everyone
- Benefits of having an API Key
  - Removing the cap of 500 requests per day
  - Advanced notice of API changes
  - Usage statistics on request
- How to get an API Key
  - [http://www.sherpa.ac.uk/romeo/apiregistry.php](http://www.sherpa.ac.uk/romeo/apiregistry.php)
Why register for an API Key?

The RoMEO Application Programmers' Interface (API) allows programs to query RoMEO and get back data in XML format. Anyone may use the API, but unregistered users are limited to 500 requests per day per IP address.

Registering for RoMEO API Key has the following advantages:

- Registered applications can exceed the daily request limit.
- Registered users receive advance notice of planned changes to the API.

More information about the API is available in the online documentation at:
http://www.sherpa.ac.uk/romeo/apimanual.php

Registration has three steps:

1. Fill in the online registration form and submit to RoMEO.
2. RoMEO will confirm receipt by sending you an automatic email message.
3. Click on the link in the email message to receive your API Key immediately.

Start here
API User Registration Form

API Key: New API Key
You may use one API Key for all your applications. However, we recommend separate keys for each application, because this helps with troubleshooting.

Primary User Contact *

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Email address</td>
<td><a href="mailto:p.millington@nottingham.ac.uk">p.millington@nottingham.ac.uk</a></td>
</tr>
<tr>
<td>Full name</td>
<td>Peter Millington</td>
</tr>
<tr>
<td>Job title</td>
<td>SHERPA Technical Development Officer</td>
</tr>
</tbody>
</table>

Recommended Extras

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Password (min. length: 8)</td>
<td>******</td>
</tr>
<tr>
<td>Repeat password</td>
<td>******</td>
</tr>
</tbody>
</table>

If you add a password, you will be able to edit these details more easily in the future.

Alternative contact:

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Email</td>
<td><a href="mailto:a.hussain@nottingham.ac.uk">a.hussain@nottingham.ac.uk</a></td>
</tr>
<tr>
<td>Full Name</td>
<td>Azhar Hussain</td>
</tr>
<tr>
<td>Job Title</td>
<td>Open Access Services Co-ordinator</td>
</tr>
</tbody>
</table>

About your Application (strongly recommended)

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of application</td>
<td>Nottingham ePrints</td>
</tr>
<tr>
<td>URL</td>
<td><a href="http://eprints.nottingham.ac.uk/">http://eprints.nottingham.ac.uk/</a></td>
</tr>
<tr>
<td>Description</td>
<td>Institutional repository using EPrints</td>
</tr>
<tr>
<td></td>
<td>software</td>
</tr>
</tbody>
</table>

About your Organisation

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of organisation</td>
<td>University of Nottingham</td>
</tr>
<tr>
<td>Home page</td>
<td><a href="http://www.nottingham.ac.uk">http://www.nottingham.ac.uk</a></td>
</tr>
<tr>
<td>Country</td>
<td>United Kingdom</td>
</tr>
</tbody>
</table>

* Required Information

Register >>
You need to respond to the automatic email that you will be sent.
Dear Peter Millington

Your request for a RoMEO API Key has successfully been submitted.

IMPORTANT: To confirm your registration, please click on the following link now:
http://www.sherpa.ac.uk/romeo/confirmapi?key=945864160965975164

(If the link will not open automatically, please copy and paste it into your browser’s address bar.)

The details of your submission are as follows:

Primary contact email: peter.millington@nottingham.ac.uk
Primary name: Peter Millington
Primary job title: SHERPA Technical Development Officer
Password: ********
Alternative contact email: azhar.hussain@nottingham.ac.uk
Alternative name: Azhar Hussain
Alternative job title: Open Access Services Co-ordinator
Name of application: Nottingham ePrints
Application URL: http://eprints.nottingham.ac.uk/
Description: Institutional repository using EPrints software.
Name of organisation: University of Nottingham
Home Page: http://www.nottingham.ac.uk/
Country: United Kingdom

If you do not commit your submission within 48 hours, these details will be deleted.

Regards

SHERPA Services
Your new API Key

An example of how to use your API Key
Dear Peter Millington,

You are now a registered user of the Application Programmers’ Interface.

Your API Key is: lq83AIL5bss

Make sure that you make a permanent note of your API Key.

You should add your API Key as an argument to all your API requests, e.g.:

http://www.sherpa.ac.uk/romeo/api2.php?issn=1386-145X&ak=lq83AIL5bss

More information about the API is available in the online documentation at: http://www.sherpa.ac.uk/romeo/apimanual.php

Regards,

SHERPA Services

The new API Key is also emailed to you and to any Alternative Contact.
Using your API Key

• Give the API Key as an argument to your API requests
  – &ak=<Your API Key>

• Example:
API User Registry

Why register for an API Key?

The RoMEO Application Programmers' Interface (API) allows programs to query RoMEO and get back data in XML format. Anyone may use the API, but unregistered users are limited to 500 requests per day per IP address.

Registering for RoMEO API Key has the following advantages:

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More information about the API is available in the online documentation at: http://www.sherpa.ac.uk/romeo/apimanual.php

Registration has three steps:

1. Fill in the online registration form and submit to RoMEO.
2. RoMEO will confirm receipt by sending you an automatic email message.
3. Click on the link in the email message to receive your API Key immediately.

Click here to log in
If you forget your password, it can be changed.
RoMEO generates a new password and sends it to your registered email address.
Dear Peter Millington

Your forgotten RoMEO password has been changed to: kOPdQ1Yg

This affects the following API Key:

- API Key: lq83AIL5bss - Nottingham ePrints

You may wish to change this password.

Regards

SHERPA Services

You may wish to change the new password to something more memorable.
Here is how...
API User Registry: Password Changed

The password has been changed for one API Key.

Done
You may use one API Key for all your applications. However, we recommend that you add separate keys for each application, because this helps with troubleshooting.
The new key will use the same password as the other keys.
You can edit the details registered for your API Key if you wish.
# SHERPA/ROMEO

## API User Registration Form

**API Key:** lq83AIL6bss

You may choose an API key for all your applications. However, we recommend separate keys for each application, because this helps with troubleshooting.

### Primary User Contact

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<td>Alternative contact Email</td>
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An alternative contact is useful if you are out of the office or change jobs.

### About your Application (strongly recommended)

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### Description

(e.g. purpose, software platform, programming language, etc.)

Institutional repository using EPrints software.

### About your Organisation

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* Required Information

[Register >>][Reset][Cancel]
Confirm the changes by clicking on the link in the email notification, as before.

http://www.sherpa.ac.uk/romeo/confirmaapi?key=1095800069129891073

(If the link will not open automatically, please copy and paste it into your browser’s address bar.)

The details of your submission are as follows:

Primary contact email: peter.millington@nottingham.ac.uk
Primary name: Peter Millington
Primary job title: SHERPA Technical Development Officer
Password: [Not provided]
Alternative contact email: azhar.hussain@nottingham.ac.uk
Alternative name: Azhar Hussain
Alternative job title: Open Access Services Co-ordinator
Name of application: Nottingham ePrints
Application URL: http://eprints.nottingham.ac.uk/
Description: Institutional repository using the EPrints platform.
Name of organisation: University of Nottingham
Home Page: http://www.nottingham.ac.uk/
Country: United Kingdom

If you do not commit your submission within 48 hours, these changes will be deleted.

Regards
SHERPA Services
The API Key itself remains unchanged.
Further Information

• API Documentation
  – http://www.sherpa.ac.uk/romeo/apimanual.php

• Technical Contact
  – peter.millington@nottingham.ac.uk

• General Contact
  – http://www.sherpa.ac.uk/romeo/feedback.php