



Trust & Identity Incubator eduLNK activity

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Public

www.geant.org



Overview - Why

eduLNK: a secure, persistent and privacy preserving link shortener for research and education.

- Free link services come with privacy challenges (advertisement, data mining)
- Limited lifetime for the links is a problem to long term relations between a.g. article and references.
- Shorteners may be used to point to malware, with little capability to mitigate



Overview - What

'End-user' features

- Provide solution that is restricted to R&E community
- Minimize personal data usage
- Community membership verified (InAcademia)
- No tracking or tracing of users, no ads

'Institutional' features

- Bring your own domain name
- Institutional admins
- Link escrow
- API

Achievements - 'End-user' features

edu.nl/Short as starting point

- Special thanks to Thijs Kinkhorst @SURF

- ✓ Development environment & automate deployment
- ✓ Support InAcademia
- ✓ Present QR code by default
- ✓ Multi language support implemented
- ✓ Platform for crowdsourcing translations set up
- ✓ Now supporting NL, EN, ES and DE
- ✓ New responsive GUI

Achievements - 'Institutional' features

- ✓ Improve user and user roles implementation
 - ✓ Setup Traefik to handle multiple domains & certs
 - ✓ Institutional admin GUI
 - ✓ Designed Cross domain end user authentication/validation
 - ✓ Designed and implemented read only API
-
- ✓ Created and discussed New Idea Form

The URL-shortener for education and research with respect for privacy

What it is?

With edulnk you can create a safe and privacy friendly short link for long URLs.

How does it work?

Shorten a link yourself by clicking on Login with InAcademia above and selecting your own setting.

Security by default

The links can only be created by verified persons from education and research. Visitors of the links are not traced or followed.



Enter your username and password

A service has requested you to authenticate yourself. Please enter your username and password in the form below.

Login

Help! I don't remember my password.

Without your username and password you cannot authenticate yourself for access to the service. There may be someone that can help you. Consult the help desk at your organization!



Your consent is required to continue.

You're seeing this message because eduLNK development environment uses InAcademia to prove that you are affiliated to an academic institution. By entering your institutional credentials on the previous screen your institution has confirmed your affiliation to its institution. To complete the process, we're asking you to consent to the InAcademia service confirming to eduLNK development environment that you're affiliated to your institution.

In addition, InAcademia may reveal the name of your institution and the country in which that institution resides, however, we don't share your name or other directly identifiable personal details. We store a log of the transaction for debugging purposes for 28 days before destroying any data that could be personally identifiable.

For more details on the information we will use to confirm your affiliation, please select "Details" below. If you do not wish to consent to the release of your affiliation to eduLNK development environment, please select "No, cancel" in which case you will be returned to the eduLNK development environment website without release of any data and may have to use alternative methods to prove your affiliation.

For more details on the information we will provide to eduLNK development environment please select "Details" below.

More information: [Privacy Statement](#)

[Details](#)

[OK, accept](#)

[No, cancel](#)



English

Logout

Shorten a link:

Enter the original link (URL) here

Shorten it!

Previously created links:

Search by...	Filter	Reset	
ALL LINKS:	CLICKS	STATUS	ACTIONS
2021-01-18 https://ddg.co test.edulnk.org/68gha	0	Active	
2020-12-14 https://ddg.co test.edulnk.org/nmacw	1	Active	
2020-12-10 https://foo.bar.example.org test.edulnk.org/9kw7h	0	Active	
2020-11-19 https://intranet.geant.org/gn4/3/Work-Packages/WP5/Deliverables%20Documents/Incubator%20Results%20... test.edulnk.org/3kvwg	2	Active	
2020-10-13 https://example.org/qrcode-example test.edulnk.org/hjvv6	0	Active	
2020-10-13 https://example.org/test2 test.edulnk.org/a9e73	1	Deleted	



English ▾

Logout

Shorten a link:

https://foo1.bar|

Shorten it!

Previously created links:

Search by...	Filter	Reset	
ALL LINKS:	CLICKS	STATUS	ACTIONS
2021-01-18 https://ddg.co test.edulnk.org/68gha	0	Active	
2020-12-14 https://ddg.co test.edulnk.org/nmacw	1	Active	
2020-12-10 https://foo.bar.example.org test.edulnk.org/9kw7h	0	Active	
2020-11-19 https://intranet.geant.org/gn4/3/Work-Packages/WP5/Deliverables%20Documents/Incubator%20Results%20... test.edulnk.org/3kvwg	2	Active	
2020-10-13 https://example.org/qrcode-example test.edulnk.org/hjvv6	0	Active	
2020-10-13 https://example.org/test2 test.edulnk.org/a9e73	1	Deleted	

Your new link is ready to use

Your new link is:

<https://test.edulnk.org/8e7p4>

This one refers to:

<https://fobar.org>

Want to test it?

<https://test.edulnk.org/8e7p4>

Copy link to clipboard:

 Copy

[Back to your overview](#)



test.edulnk.org/8e7p4

test.edulnk.org/68gha

The short link test.edulnk.org/68gha refers to:

<https://ddg.co>

Continue to test.edulnk.org/68gha

Back to your overview



test.edulnk.org/68gha

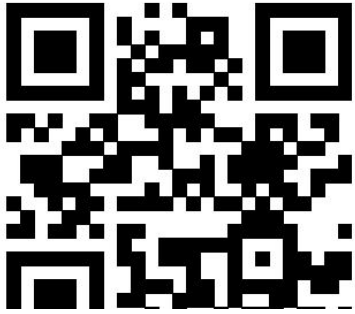
test.edulnk.org/68g

The short link test.edulnk.org/68g refers to:

<https://ddg.co>

[Continue to test.edulnk.org/68g](#)

[Back to your overview](#)





Your consent is required to continue.

You're seeing this message because eduLNK development environment uses InAcademia to prove that you are affiliated to an academic institution. By entering your institutional credentials on the previous screen your institution has confirmed your affiliation to its institution. To complete the process, we're asking you to consent to the InAcademia service confirming to eduLNK development environment that you're affiliated to your institution.

In addition, InAcademia may reveal the name of your institution and the country in which that institution resides, however, we don't share your name or other directly identifiable personal details. We store a log of the transaction for debugging purposes for 28 days before destroying any data that could be personally identifiable.

For more details on the information we will use to confirm your affiliation, please select "Details" below. If you do not wish to consent to the release of your affiliation to eduLNK development environment, please select "No, cancel" in which case you will be returned to the eduLNK development environment website without release of any data and may have to use alternative methods to prove your affiliation.

For more details on the information we will provide to eduLNK development environment please select "Details" below.

More information: [Privacy Statement](#)

Details

Affiliation: staff member employee

In addition we might transmit a coded persistent user identifier

OK, accept

No, cancel



Shorten a link:

Shorten it!

Previously created links:

ALL LINKS:	CLICKS	STATUS	ACTIONS
2021-02-09 https://jwt.io/ test.edulnk.org/mp876	0	Active	
2021-02-09 https://foo2.bar test.edulnk.org/demo2	0	Active	
2021-02-09 https://foo.bar test.edulnk.org/demo1	0	Active	
2020-09-08 https://wiki.geant.org/display/gn43wp5/T2+-+Trust+and+Identity+Incubator test.edulnk.org/vnarg6	4	Active	
2020-08-21 https://wiki.geant.org/display/gn43wp5/T2+-+Trust+and+Identity+Incubator test.edulnk.org/w4nt6m	2	Active	
2020-08-20 https://www.bar.foo test.edulnk.org/a9b833	1	Active	

Shorten a link:

 The desired short code (empty for autogenerate)

Previously created links:

Search by...	Filter	Reset	
ALL LINKS:	CLICKS	STATUS	ACTIONS
2021-02-09 95efb6d0dc42aa26a3de7a1ba5e367c3033e7064bb0f8b78d5127558bfa6e435@op.srv-test.inacademia.org https://foo1.bar test.edulnk.org/qfuvy	0	Active	
2021-02-09 871cec62d2a036cc2bb1d1f92168112d34bf63d3cdf00d87e4f75baa07cdac56@op.srv-test.inacademia.org https://jwrt.io/ test.edulnk.org/mp876	0	Active	
2021-02-09 871cec62d2a036cc2bb1d1f92168112d34bf63d3cdf00d87e4f75baa07cdac56@op.srv-test.inacademia.org https://foo2.bar test.edulnk.org/demo2	0	Active	
2021-02-09 871cec62d2a036cc2bb1d1f92168112d34bf63d3cdf00d87e4f75baa07cdac56@op.srv-test.inacademia.org https://foo.bar test.edulnk.org/demo1	0	Active	
2021-01-18 95efb6d0dc42aa26a3de7a1ba5e367c3033e7064bb0f8b78d5127558bfa6e435@op.srv-test.inacademia.org https://ddg.co test.edulnk.org/68gha	0	Active	

Shorten a link:

Previously created links:

Search by...	Filter	Reset	
ALL LINKS:	CLICKS	STATUS	ACTIONS
2021-02-09 871cec62d2a036cc2bb1d1f92168112d34bf63d3cdf00d87e4f75baa07cdac56@op.srv-test.inacademia.org https://foo3.bar test.edulnk.org/foo3	0	Active	
2021-02-09 95efb6d0dc42aa26a3de7a1ba5e367c3033e7064bb0f8b78d5127558bfa6e435@op.srv-test.inacademia.org https://foo1.bar test.edulnk.org/qfuvy	0	Active	
2021-02-09 871cec62d2a036cc2bb1d1f92168112d34bf63d3cdf00d87e4f75baa07cdac56@op.srv-test.inacademia.org https://jwrt.io/ test.edulnk.org/mp876	0	Active	
2021-02-09 871cec62d2a036cc2bb1d1f92168112d34bf63d3cdf00d87e4f75baa07cdac56@op.srv-test.inacademia.org https://foo2.bar test.edulnk.org/demo2	0	Active	
2021-02-09 871cec62d2a036cc2bb1d1f92168112d34bf63d3cdf00d87e4f75baa07cdac56@op.srv-test.inacademia.org https://foo.bar test.edulnk.org/demo1	0	Active	

Shorten a link:

Oops, this is not quite a correct URL, possibly a typo or missing the http:// or https:// at the beginning of the URL!

Shorten it!

Previously created links:

Search by...	Filter	Reset	
ALL LINKS:	CLICKS	STATUS	ACTIONS
2021-02-09 871cec62d2a036cc2bb1d1f92168112d34bf63d3cdf00d87e4f75baa07cdac56@op.srv-test.inacademia.org https://foo3.bar test.edulnk.org/foo3	0	Active	
2021-02-09 95efb6d0dc42aa26a3de7a1ba5e367c3033e7064bb0f8b78d5127558bfa6e435@op.srv-test.inacademia.org https://foo1.bar test.edulnk.org/qfuvy	0	Active	
2021-02-09 871cec62d2a036cc2bb1d1f92168112d34bf63d3cdf00d87e4f75baa07cdac56@op.srv-test.inacademia.org https://jwt.io/ test.edulnk.org/mp876	0	Active	
2021-02-09 871cec62d2a036cc2bb1d1f92168112d34bf63d3cdf00d87e4f75baa07cdac56@op.srv-test.inacademia.org https://foo2.bar test.edulnk.org/demo2	0	Active	
2021-02-09 871cec62d2a036cc2bb1d1f92168112d34bf63d3cdf00d87e4f75baa07cdac56@op.srv-test.inacademia.org https://foo.bar test.edulnk.org/demo1	0	Active	

Shorten a link:

 This value is already used.

Previously created links:

Search by...	Filter	Reset	
ALL LINKS:	CLICKS	STATUS	ACTIONS
2021-02-09 871cec62d2a036cc2bb1d1f92168112d34bf63d3cdf00d87e4f75baa07cdac56@op.srv-test.inacademia.org https://foo3.bar test.edulnk.org/foo3	0	Active	
2021-02-09 95efb6d0dc42aa26a3de7a1ba5e367c3033e7064bb0f8b78d5127558bfa6e435@op.srv-test.inacademia.org https://foo1.bar test.edulnk.org/ufuvy	0	Active	
2021-02-09 871cec62d2a036cc2bb1d1f92168112d34bf63d3cdf00d87e4f75baa07cdac56@op.srv-test.inacademia.org https://jwrt.io/ test.edulnk.org/mp876	0	Active	
2021-02-09 871cec62d2a036cc2bb1d1f92168112d34bf63d3cdf00d87e4f75baa07cdac56@op.srv-test.inacademia.org https://foo2.bar test.edulnk.org/demo2	0	Active	
2021-02-09 871cec62d2a036cc2bb1d1f92168112d34bf63d3cdf00d87e4f75baa07cdac56@op.srv-test.inacademia.org https://foo.bar test.edulnk.org/demo1	0	Active	

Your new link is ready to use

Your new link is:

<https://test.edulnk.org/demo123>

This one refers to:

<https://foobar.org>

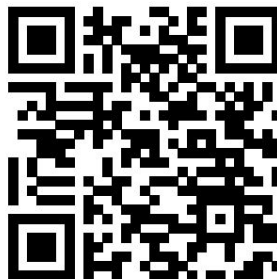
Want to test it?

<https://test.edulnk.org/demo123>

Copy link to clipboard:

 Copy

[Back to your overview](#)



test.edulnk.org/demo123

Stats

All time

Total number of links: 25

Total number of clicks: 33

Number of unique users: 2

Period

Period from to (including). [Submit Query](#)



Next steps

- Implement institutional admin
- Design and implement institutional features
 - Institutional admin onboarding
 - Branding
 - Escrow
- Implement R/W API

- Wrap up and submit New Idea Form

Thank you

Any questions?

www.geant.org

