

# DOIs from ivoids using voidoi

GEFÖRDERT VOM



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- ivoid vs. DOI
- Get a DOI
- The landing page
- VOResource to DataCite in XSLT



# ivoid vs DOI

If you're running a VO service, you already have an identifier: Your IVOID:

ivo:// org.gavo.dc /arighf/katkat/q  
Authority

This *can* be resolved (e.g., by prepending <http://dc.g-vo.org/>), but

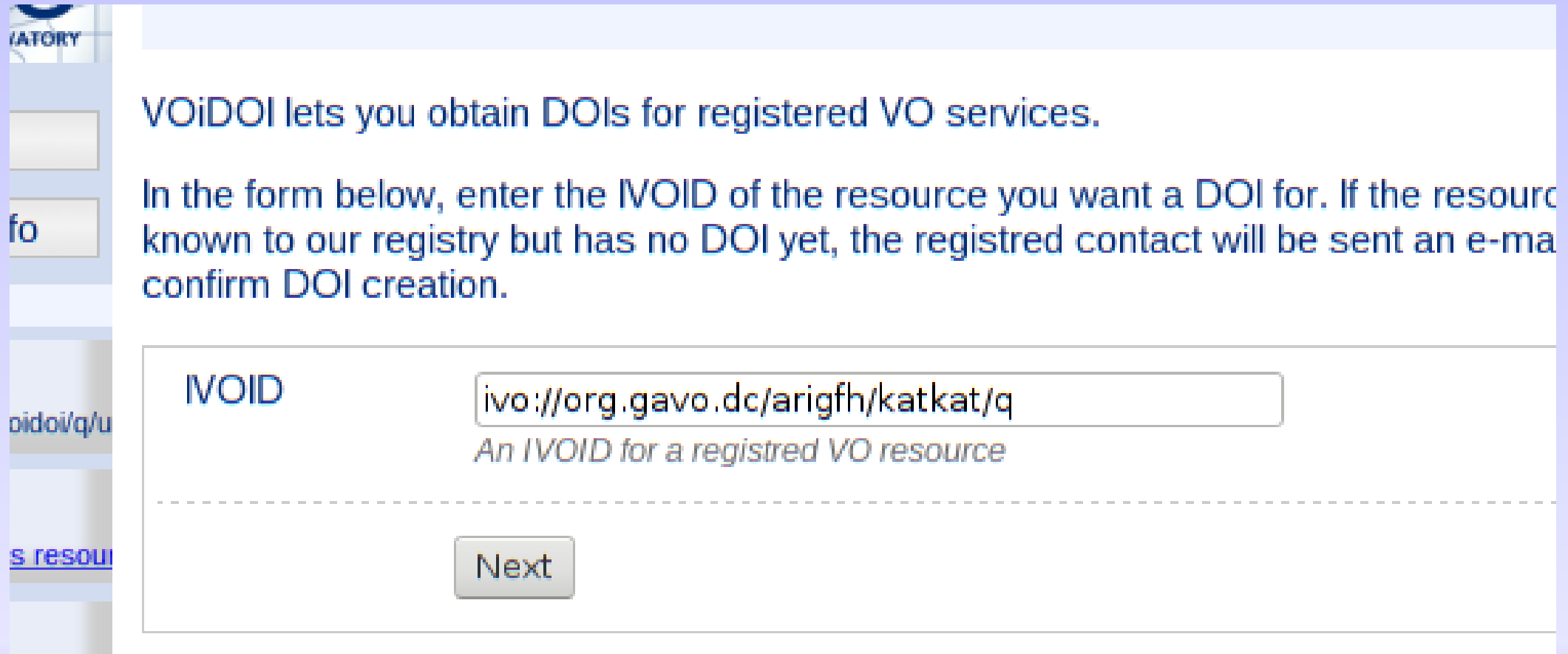
- Because even astronomers generally don't *know* that, that's not useful for citations
- Because it contains the publisher's authority, it will change when the resource moves
- No provisions are made for when the publisher goes belly-up

DOIs fix all this, and hence if we want people to cite VO resources, we better give them DOIs.

# From VOR to DOI

If you have a properly registered service, it's easy to get a DOI:

<http://dc.g-vo.org/voidoi/q/ui>



VOiDOI lets you obtain DOIs for registered VO services.

In the form below, enter the IVOID of the resource you want a DOI for. If the resource is known to our registry but has no DOI yet, the registered contact will be sent an e-mail to confirm DOI creation.

IVOID

*An IVOID for a registred VO resource*

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# You Got Mail

Subject: Your DOI Registration

X-Mailer: DaCHS VO Server

Hello,

Someone (hopefully you) asked for a DOI to be created for the Virtual Observatory resource `ivo://org.gavo.dc/arigfh/katkat/q` with the title ARI Catalog of Catalogs.

You are listed as the contact person for that resource in the VO registry. If you agree that a DOI should be created for your resource, go to the following URL:

<http://dc.zah.uni-heidelberg.de/voidoi/q/ui/custom/confirm/a840f9e89e0d1608ef9329b60385cf3e>

If you did not ask for a DOI, apologies. DO NOT retrieve the above link unless you know what you are doing. The creation of a DOI is IRREVERSIBLE (at least a tombstone will always remain).

DOI minting is a serious business!

# Mint the DOI

VATORY

This is your last chance to bail out of DOI creation for the VO resource **ivo://org.gavo.dc/arigh/katkat/q**.

fo

Cancel DOI creation    Confirm DOI creation



## VOIDOI: DOI creation

DOI minting successful. The new DOI for your service is

**doi:10.21938/8ndTne3ode\_RC4dOw3oAsQ**

Please make sure this DOI is entered as `altIdentifier` (in DaCHS: `doi` metadata do not include the leading "doi:" there) in the VO resource record

`ivo://org.gavo.dc/arigh/katkat/q`.

Help

Service info

Metadata

Identifier

ivo://org.gavo.dc/voidoi/q/u

Cite this

[Advice on citing this resource](#)

Description

# Your Landing Page

An important part of the DOI system is that, from now on,

[http://dx.doi.org/10.21938/8ndTne3ode\\_RC4dOw3oAsQ](http://dx.doi.org/10.21938/8ndTne3ode_RC4dOw3oAsQ)

should end up on a page that either

- points you to ways to use the resource or
- tells you what happened to it (“tombstone”)

For the latter use case: VOResource has the *Continues* relationship that hopefully will let us create forwards...

# Reuse, Contribute

If you have VOResource metadata and need to build DOI records and landing pages *without* voidoi, don't miss

<https://github.com/ivoa/vor-doi>

– it has almost all the XSL you'll need for that.

Thanks!