

# MET2 – Meta Data Explorer V2

**REFEDS Meeting  
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# Agenda

- What is DAASI
- What is MET
- What were the required new features
- What were the implementation concepts
- What is the status
- Demonstration
- Your comments and questions
- ...

# DAASI International GmbH

DAASI: **D**irectory **A**pplications for **A**dvanced Security and **I**nformation management

- Successor of DFN-Projects on X.500/LDAP
- Founded 2001 as a spin-off of the University of Tübingen
  - Started with 3 Staff members
  - Now we are 8 (Tamim joined 18 month ago and is our senior developer)
- Main field Open Source Identity Managment
- Designing, implementing, supporting and training OpenLDAP, Shibboleth and own software stack
- Customers: German Higher Ed, administration, and industry

# What is MET?

```
#####  
# MET v2 Metadata Explorer Tool  
#  
# This Software is Open Source. See License:  
#     https://github.com/TERENA/met/blob/master/LICENSE.md  
# Copyright (c) 2012, TERENA All rights reserved.  
#  
# This Software is based on MET v1 developed for TERENA  
#     by Yaco Sistemas, http://www.yaco.es/  
# MET v2 was developed for TERENA  
#     by Tamim Ziai, DAASI International GmbH, http://www.daasi.de  
#####
```



# What is MET?

A fast way to find federations, entities and their relations using entity/federation metadata file information:

- information about a entity or federation
- services gathered by a federation
- federations or entities that are part of interfederations
- most federated entities
- ...

# MET2 Feature Requests 1/2

- Automatic refresh of federations' metadata
- Enable federated sign-on
- Show number of federations an entity appears in
- Allow tables to be sortable by column heading
- Enhance the 'most federated' list to enable click through to a longer list of entities

## Most federated entities

EntityID	Type	Display Name	Federations	Number of Federations
<a href="https://e5.onthehub.com">https://e5.onthehub.com</a>	SP	e-academy/Kivuto OnTheHub	<a href="#">EduGain</a>   <a href="#">CAF</a>   <a href="#">SWITCH AAI</a>   <a href="#">ACOnet</a>	4
<a href="https://issues.shibboleth.net/shibboleth">https://issues.shibboleth.net/shibboleth</a>	SP	Shibboleth.net Issue Tracking	<a href="#">EduGain</a>   <a href="#">AAF</a>   <a href="#">SWITCH AAI</a>   <a href="#">ACOnet</a>	4
<a href="https://wiki.shibboleth.net/shibboleth">https://wiki.shibboleth.net/shibboleth</a>	SP	Shibboleth.net Wiki	<a href="#">EduGain</a>   <a href="#">AAF</a>   <a href="#">SWITCH AAI</a>   <a href="#">ACOnet</a>	4

## MET2 Feature Requests 2/2

- Display MDUI DisplayName where available for entities
- Enhanced editable fields for federations
- Graphic display of entities and protocol changes over time for federations
- Enable a comments field for each entity
- Enable an “I’d like this entity...” button on each entity



# MET2 Implementation Concepts

- Development environment Python/Django
- Periodically metadata refreshing via cronjob
- Table sorting using jQuery
- Visual graphics using jQuery and Highcharts
- Database extended to store data used for visual graphics
- Configurable parameters where possible
- Use existing look and feel



# MET2 Implementation Status

- All features implemented except federated sign-in
  - The following is a first version and waits for your comments
- Demonstration

# Thanks a lot

- Questions ?
- Comments ?