

INTERACTION WITH METADATA (MICKA)

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Workshop 4

Big and Open Data and Innovative Hubs in Agriculture, Transport and Rural Development

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WORKSHOP 4

<https://github.com/jirik/layman-workshop>

- Karel Charvát - Purpose of workshop
- Jiří Kozel - What is Layman and how it works
- Raitis Berzins - Map composition
- Jiří Kozel, Jiří Kvapil - How to install Layman in cloud
- Jiří Kozel - Layman API
- Jiří Kozel - Authentication and authorization
- **Jiří Kozel - Interaction with Metadata (Micka)**
- Jan Vrobel - QGIS plugins for accessing maps and map composition from server
- Jan Vrobel - QGIS plugin for Web data publishing using Layman
- Raitis Berzins - HSLayers NG as client for Layman

WARNING!

THIS PART IS ALSO LITTLE BIT TECHNICAL!

METADATA

- Layman is able to publish **partial metadata** records to OGC Catalogue Service Micka
- Records are partial because Layman does not know all metadata properties
- currently, only **Layer** metadata are published, and only on POST request
 - full support in May 2020

GET INFORMATION ABOUT SINGLE LAYER

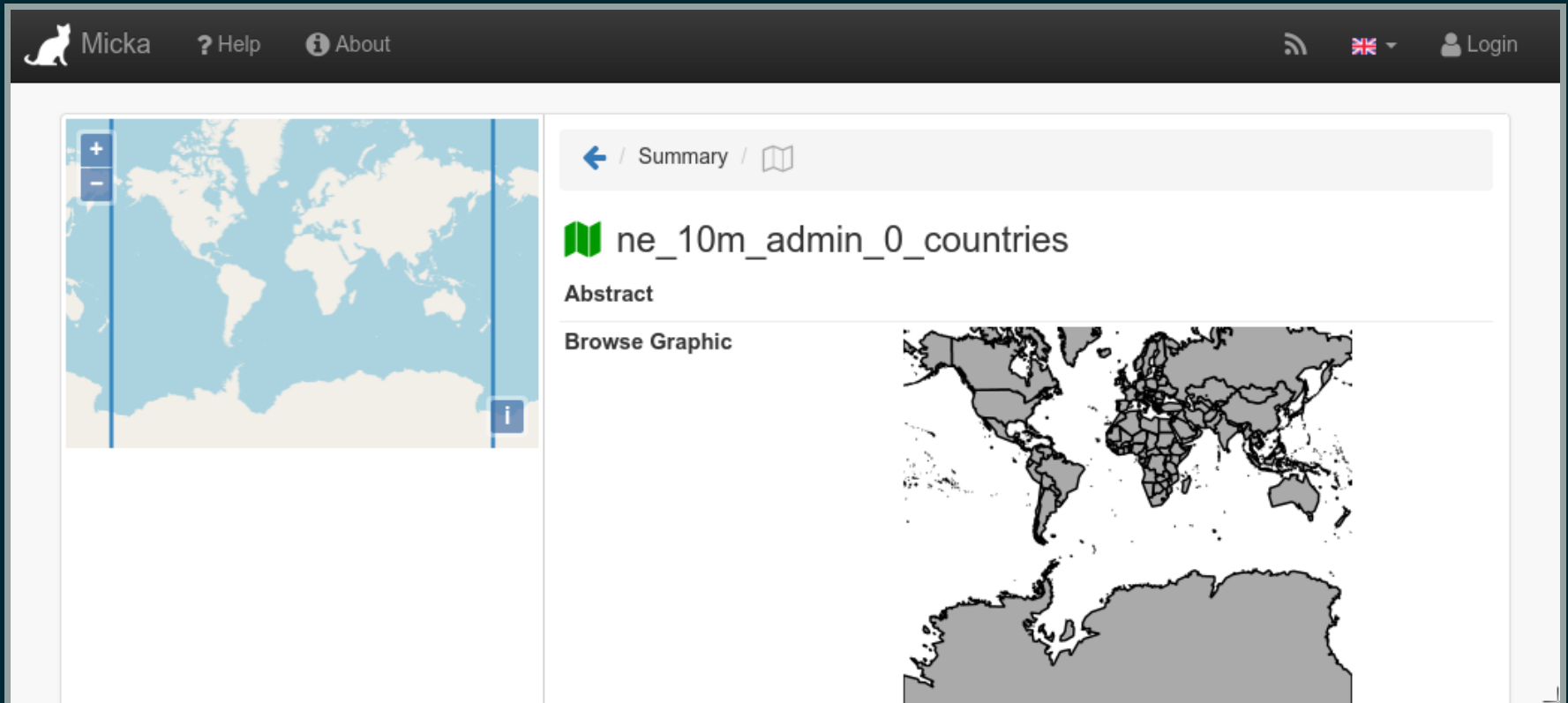
1. Choose resource **Layer**, endpoint **Layer**, method **GET**
2. Enter name of the layer to **Layer name** field
 - `ne_10m_admin_0_countries`
3. Click **Submit**

GET INFORMATION ABOUT SINGLE LAYER

```
{  
  ...  
  "metadata": {  
    "csw_url": "http://micka:80/csw",  
    "record_url": "http://104.248.252.23:3080/record/basic/m-a8c6",  
  },  
  "name": "ne_10m_admin_0_countries",  
  ...  
}
```

SHOW METADATA RECORD

1. Copy `metadata.record_url` value and open this address in the browser



The screenshot shows the Mica web application interface. The top navigation bar includes a cat icon, 'Micka', a 'Help' link, an 'About' link, a RSS feed icon, a language dropdown (showing a UK flag), and a 'Login' button. The main content area is divided into two columns. The left column features a world map with a blue overlay and a small information icon in the bottom right corner. The right column displays the metadata record for the dataset 'ne_10m_admin_0_countries'. It includes a breadcrumb trail with a back arrow, the text '/ Summary /', and a book icon. Below this, the dataset name is shown with a green book icon. The 'Abstract' section is currently empty. The 'Browse Graphic' section contains a world map with country boundaries highlighted in black.

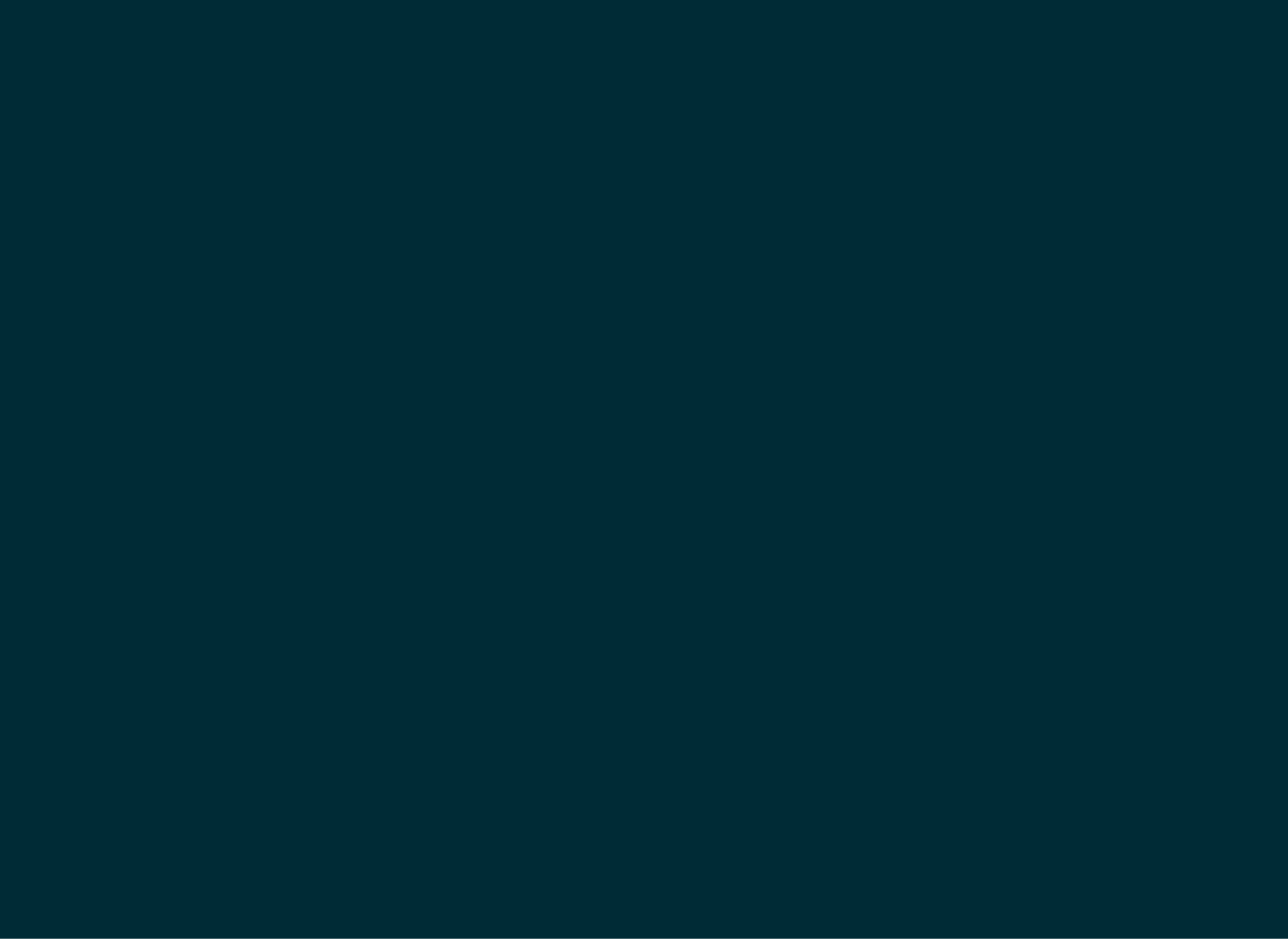
Micka ? Help About

Summary

ne_10m_admin_0_countries

Abstract

Browse Graphic



EDIT METADATA RECORD IN MICKA

5. Login using name **editor**, password **editor**
6. Edit metadata record.