Mediterranean Integrated Climate Information Platform (MedICIP)

Installation and Maintenance guide

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Requirements

Server hardware requirements

RAM : 4GB ,

CPU :Dual core 2.8 GHZ

Hard Drive capacity : 10 GB

Operating system

Linux (Debian version 7 "Wheezy")

Required installed applications

Apache server (version 2.0 or later)

Postgresql (version 2.0 or later)

Geoserver (version 2.5 or later)

Geonetwork (version 2.10 or later)

Installation

MedICIP is a web platform based on HTML, JavaScript and PHP source code. Static content is stored in a Postgresql database.

The source code and database content are included in provided zipped file located at the following location: https://www.dropbox.com/s/pmy8xilaydb9ddt/code%2Bdb.zip?dl=0

Source code

HTML, JavaScript and PHP files should be copied to the web root folder of your hosting server (for example, the default location is /var/www/).

The main parts of the source code are stored in the folders called Model, View and Controler. Files are called according to the platform sections (Home page, Map, Countries, Library, Training, Links). Source code for section 'Admin' was generated using PHP Generator and is included in a folder called 'Admin'.

Along with the source code created for MedICIP, there are also a few JavaScript libraries which are required. These libraries are included in the zip file containing the source code: OpenLayers

Database

Included is also the content of the database as a DDL and SQL file.

The following command can be used for uploading the data onto the Postgresql database.

psql --dbname=test_db --port 5432 --username=postgres -f dump_*date*medicip.sql

Maintenance

Web interface

The web interface can be modified by changing the HTML, JavaScript and PHP files containing the source code.

Database content

Database content (namely information about institutions, documents, contacts, http addresses of data servers) can be updated, deleted or added through the administration interface. It is possible to reach this interface from the home page of the platform ("Admin" tab).

MedICIP link

http://medicip.grid.unep.ch/