



# GeoNyms 2.2

Workshop

on

what? How to get ? How to install? How to work  
with?

<http://geoinfo.uneca.org/geonyms>

## What is it?

- Opensource Gazetteer tool being developed by UNECA
- Collect /validate geographical names (Toponyms)
- To be used by Geographical Names Authorities of Member states

<http://geoinfo.uneca.org/geonyms>

# What does it do?

- Repository for geographical names using UNGEGN standards
- Provides facilities to track the status and/or validity of geographical names
- moving data made easier by import/export tools

<http://geoinfo.uneca.org/geonyms>

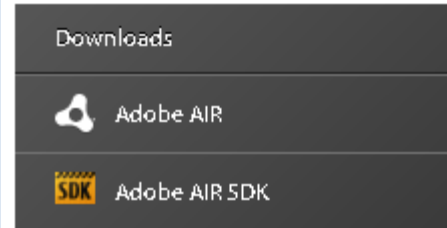
# How to get it?

- Downloads/documentation in <http://geoinfo.uneca.org/geonyms>  
please use the latest build for best result
- For any issue of access to the website or any other, contact me at [mekasha@uneca.org](mailto:mekasha@uneca.org)

<http://geoinfo.uneca.org/geonyms>

# How to install?

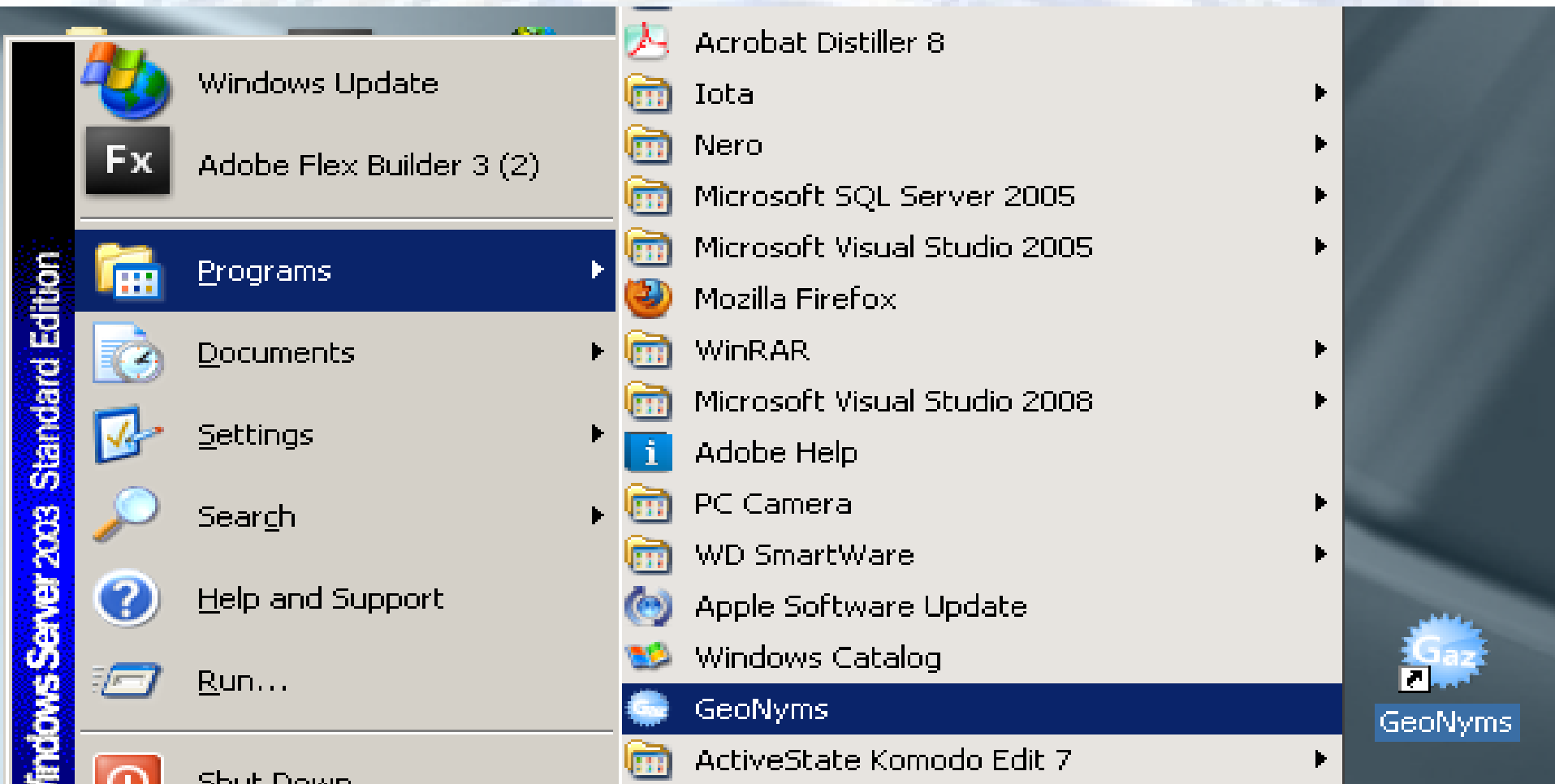
- Download and install the runtime for your OS from <http://adobe.com/air>



- Install the AIR runtime the first on the list above (Adobe AIR)
- Install GeoNames xx.air
- Double click the .air file and follow the installation wizard

<http://geoinfo.uneca.org/geonyms>

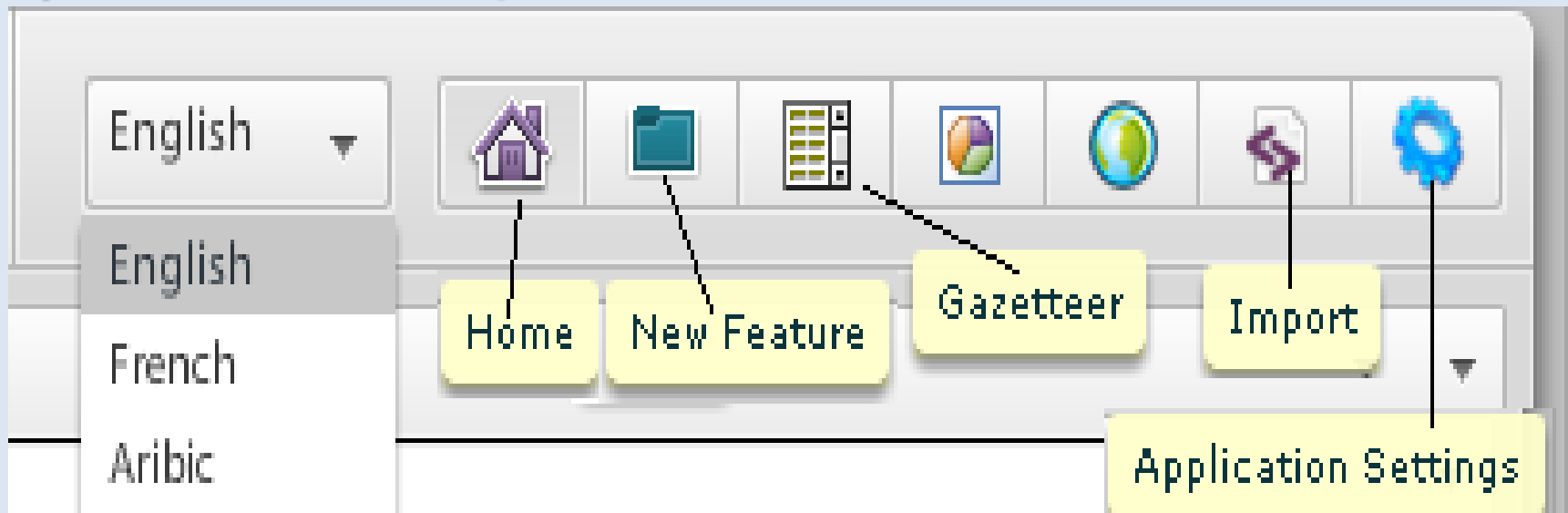
# Working with GeoNyms : Accessing



<http://geoinfo.uneca.org/geonyms>

# Working with GeoNyms: Welcome page

- Provides access to the functions of the system (top left corner )



<http://geoinfo.uneca.org/geonyms>

# Working with GeoNyms: I

## Application Settings - General

The screenshot shows the 'GeoNyms - National Gazetteer Application for Toponyms' interface. The title bar includes the UN logo and the application name. The main navigation bar has tabs for 'General', 'Administrative Division', 'Database Settings', and 'Appearance'. A 'validation settings' callout box is positioned over the right side of the interface. On the left, a dropdown menu is titled 'Pick a Setting Type from the Dropdown' and lists 'FeatureTypes', 'Languages', and 'RecordStatus'. A 'Look up settings' callout box points to this dropdown. Below the dropdown are '+' and '-' buttons and an 'Update Name Change' button with a document icon. On the right, the 'validation settings' section includes input fields for 'Coordinate System' (system xxx), 'UTM Grid' (grid one), and 'Country Bounding Box' (MaxY 0, MinX 0, MaxX 0, MinY 0). A 'Save settings' button is at the bottom right.

GeoNyms - National Gazetteer Application for Toponyms

Welcome

English

validation settings

General Administrative Division Database Settings Appearance

Pick a Setting Type from the Dropdown

FeatureTypes  
Languages  
RecordStatus

Look up settings

Coordinate System system xxx

UTM Grid grid one

Country Bounding Box

MaxY 0

MinX 0 MaxX 0

MinY 0

Update Name Change

Save settings

<http://geoinfo.uneca.org/geonyms>



# Working with GeoNyms: Its Application Settings – Admin Division

The screenshot displays the GeoNyms application window. The title bar reads "GeoNyms - National Gazetteer Application for Toponyms". The interface includes a navigation menu with "General", "Administrative Division", "Database Settings", and "Appearance". The "Administrative Division" tab is active, showing a tree view under "Admin Division" with a folder "Madagaskar" containing "region1-Madagaskar" and "region2-Madagaskar".

A modal dialog box titled "Geonyms" is overlaid on the screen. The dialog contains the following text: "The admin division is connected with some Feature/s. Do you want continue? Please note that the connection will be broken and the admin division will be removed if you select 'Yes'". Below the text are two buttons: "Yes" and "Cancel".

Below the dialog, there is a text input field with a "+" and "-" button to its left. Below the input field is a button labeled "Update Name Change" with a document icon and a green arrow.

Another modal dialog box is overlaid at the bottom of the screen, containing the text: "You will have to remove the Child/Children first!". Below this text is an "OK" button.

# Working with GeoNyms: III

## Import

Please download and use :

<http://geoinfo.uneca.org/geonyms/help/import.pdf>

The screenshot displays the GeoNyms - National Gazetteer Application for Toponyms interface. The main window has a title bar with the application name and a language dropdown set to English. Below the title bar are navigation buttons for 'Welcome' and 'Import facility'. A text box contains the URL <http://geoinfo.uneca.org/geonyms/v2.1/importTemplate.xls>. A file explorer window is open, showing the 'GeoNyms' directory with various files and folders. The file 'Botswana.xls' is selected. Below the file explorer, the 'File name' field contains 'Botswana.xls' and the 'Files of type' dropdown is set to 'Ms Excel'. Two error dialog boxes are overlaid on the interface. The top dialog box has the title 'GeoNyms - National Gazetteer Application for Toponyms' and the message: 'Some Administrative Division(s) and/or Feature type(s) has not been setup as valied type(s) on the Application. Please go to Application Setuping and add it before importing your data.' The bottom dialog box has the same title and message. Both dialog boxes have an 'OK' button.

Sqlite Pro :

<http://sqlite2007-pro-enterprise-manager.updatestar.com/>

# Working with GeoNyms: export/ working with Data



GeoNyms - National Gazetteer Application for Toponyms

English



Welcome



Gazetteer



SEWELO

## Features

Name	Record Status	Type
SEWELO		Borehole
SIKWANE		Village
Seritibyane		Borehole
Somanka		Dam
TALANE		Locality
TEMESELE		Locality
THEBELE		Locality
THORED		River
THULARE		Locality
TIBETSHWANE		Pan
TILWANE		Locality
TILWANE		Locality
TLHAAKGAME		River
TLHABYANE		Wells
TLHABYANE		Locality
TLHAGALE		River
TLHAGALE		Locality
TLHAREDINTLE		Locality
TLHAREDITELLE		Locality
TSENATLUNG		Pan

## Search parameters

Search

Export

Excel

Name:

Latitude

Min.

Max.

Feature Type

No selection

Start

No selection

Admin Division

region1-Madagaskar

region2-Madagaskarr

Longitude

Min.

Max.

Demo on working with data

<http://geoinfo.uneca.org/geonyms>

# What is coming up?

- Include various language skins starting with Arabic
- Social network presentation
- Additional functionalities such as statistics, base map based data entry
- Smart phone apps to help accurate data collection
- web portal to help dissemination

<http://geoinfo.uneca.org/geonyms>



UN ECA

# GeoNyms

## An opensource National toponyms gazetteer application

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Download the latest:

[GeoNyms 2.1](#)

### what does it do?

It is designed to collect, maintain and share geographical Location names (toponyms) gazetteers following the UNGEGN(United Nations Group of Experts on Geographical Names) standard. It also has data verification and checking tools and mechanisms to assure accuracy.

National offices can return the countries administrative division record status reflecting the national approval procedure, languages spoken both nationally and internationally names are taken from.

[more...](#)

### Any big System Requirement?

The Only requirement is **Adobe AIR runtime** for your operating system, without which you can not install the application.

The application uses an open source(free) database engine called **SQLite**. Also uses Google Maps API for viewing and checking the location attributes on a map. You need internet to use this facility, but you can totally run the rest of the application from a disconnected computer.

[more...](#)

### How is the Licencing?

It is a free opensource software shared on the bases of **GLP**. No fee is asked for using, updating, and distributing. the only requirement is to report the updates made to the **UNECA**.

[more](#)

### Who is behind it?

It is the Initiative of United Nations Economic Commission for Africa (UNECA), in particular **ICT,Science and Technology Division(ISTD)** the Geoinfo experts in the e-application section are undertaking the developemnt and mentenance of the system.

<http://geoinfo.uneca.org/geonyms> [more](#)





# Showcases from Madagascar and Egypt

<http://geoinfo.uneca.org/geonyms>

# Who can you help?

- Evaluate the software and provide feedback to improve its usability
- Encourage member states (particularly in Africa) to signup for this program
- support implementation initiatives financially or any other
- Avail resources for workshops and promotional visits

<http://geoinfo.uneca.org/geonyms>

## Contact

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<http://geoinfo.uneca.org/geonyms>





**Thank You,**

<http://geoinfo.uneca.org/geonyms>