

ISIM-MAMS: Installation and Adding the Debugistan Dataset

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Outline

- Introduction
- Installing ISIM-MAMS
- Adding the Debugistan Dataset
 - i.e., a non-existent country -- but similar to Uganda in 2009

Introduction

- The following steps are required to run MAMS simulations using ISIM-MAMS
 - install Excel 2007/2010
 - install GAMS with license file
 - install ISIM-MAMS

Introduction

- The purpose of developing an interface for MAMS is to make MAMS user-friendly.
- The combined program, consisting of the underlying MAMS program and the MAMS interface is referred to as ISIM-MAMS.
- The current ISIM-MAMS version was developed for the World Bank as an add-in for Excel 2007/2010
 - the user can define and run MAMS simulations in the Excel environment, without directly running GAMS

Installing GAMS

- To install GAMS, run the installation file and follow the screen messages.
 - depending on your system select
 - 32 bits version (windows_x86_32.exe)
 - 64 bits version (windows_x64_64.exe)
 - note that the installation may require administrative privileges on your machine
 - you will be asked for the GAMS license file (gamslice.txt) during the installation; browse the file system and find the license file gamslice.txt

Installing ISIM-MAMS: Versions

- Currently, there are two versions of ISIM-MAMS, 32 and 64 bits. The user has to install the one that is in accordance with his/her version of Excel 2010; users of Excel 2007 should install the 32 bits version of ISIM-MAMS
 - to learn which version of Excel 2010 you have installed, open Excel 2010 and go to **File | Help**. The information can be found on the right-hand side of the screen below the “About Microsoft Excel” legend

Installing ISIM-MAMS: This Workshop

- ISIM-MAMS software is distributed as a set of files that includes a setup file
 - to install the software, copy the files to your hard drive and run the file setup.exe
 - an Internet connection is not required; by default, Windows and/or Office components will be updated
 - once finished, an ISIM-MAMS tab will be added to Excel 2007/2010

Installing ISIM-MAMS: This Workshop – cont.

- In case the installation process detects the presence of an older version of ISIM-MAMS, the installer will stop and will ask the user to uninstall the previous version before proceeding.
- During the installation process, the user will be asked to trust the source of the ISIM-MAMS Microsoft Office Customization; to do so, click on the **Install** button.

Installing ISIM-MAMS – Internet Connection; Not this Workshop

- ISIM-MAMS software is distributed as a zip file that contains a setup file
 - to install the software, unzip the file isim-mams-setup.zip and run the file setup.exe; an ISIM-MAMS tab will be added to Excel 2007/2010
 - in general, an Internet connection is required to automatically update some Windows and/or Office components
- In case the installation process detects the presence of an older version of ISIM-MAMS, the installer will stop and will ask the user to uninstall the previous version before proceeding.

The Expert Mode

- The Expert Mode allows the user to add new datasets to ISIM-MAMS. It should be used once a complete dataset (Core or MDG) for MAMS, including its reference scenario, has been developed and tested.
- To activate the **Expert Mode**, click on **Configuration** and select the **General** tab. Then, activate the **Expert Mode**. This will make visible the **Dataset Manager** and **Export to MAMS-GAMS** buttons in the **Expert Mode** ribbon group.

Adding Debugistan Dataset

- To add the Debugistan dataset to ISIM-MAMS, click on Add in the **Dataset Manager**; the **Add new dataset** window will appear.
- In the **Dataset name** field, introduce Debugistan as the name for the new dataset.
- Then, ask ISIM-MAMS to search for datasets in the folder where the Debugistan dataset is located -- see section **Automatically locate files**.
- Once a new dataset is added to ISIM-MAMS, the user can start creating new applications based on it – see next presentation.