INSTALLING RAIS 3.0 UNDER MICROSOFT OFFICE 2003, 2007 OR 2010

BACKGROUND

The current version of RAIS 3.0 is called ‘RAIS 3.0 with SQL Server Extensions’. This version was released by the IAEA in 2006. It is a frontend-backend Microsoft Access application. The frontend is an ordinary MS Access database, while the backend could be either a MS Access database or a MS SQL Server database.

Installing RAIS 3.0 will not install the frontend nor the backend. Instead it generates the so called ‘RAIS 3.0 Creator’. This creator is a MS Access database which can be customized according to the national needs of the using country and then it produces both the frontend and the backend by running VB macros and VB code.

RAIS 3.0 was tested under Microsoft Access 2000 and XP.

Running RAIS 3.0 Creator under MS Access 2003, 2007 and 2010 can fail. There are two main reasons:

1. The default macro security settings in MS Access 2003 and higher are different from those in MS Access 2000 and XP:
   Running macros in MS access is disabled by default in MS Access 2003 and higher.

2. The default references in MS Access 2007 and 2010 are different from MS Access 2000, XP and 2003:
   Towards the end of creation, the creator may stop responding at the very end stage (i.e. compilation and compaction). This is because the creator attempts to add a reference to the library DAO 3.6. While MS Access XP and 2003 do not have this reference by default, MS Access 2007 and 2010 do, consequently an error is generated which freezes the creator in the last stage of creation.

Resolving these two issues is described in the following annexes. Screenshots shown are produced under MS Access 2007, but they are very similar to MS Access 2010.
A. RESOLVING THE MACRO SECURITY PROBLEM

If macros are disabled in MS Access, the creator will stop in the middle of the process without any error message. Resolving this problem is straightforward by enabling macros in MS Access.

1. From the Office 2007 button, Click the [Access Options] button

2. In the Access options window, select Trust Center and then click [Trust center settings]
3. Select macro settings and select ‘Enable all macros’
B. RESOLVING THE COMPILATION PROBLEM

1. When starting the creator, hold down the SHIFT key. This will make MS Access open the database window, as displayed below

2. From the ‘Navigation Pane’, select ‘Modules’.

3. Locate and double-click the module ‘RAIS Database Creator functions’
4. Select from the top-right box the function ‘AddReference’

5. Insert following command at the beginning of the function ‘On Error Resume Next’ (This will make the creator continue instead of stopping in the compilation phase.

6. Save and exit the creator

7. Start the creator and run it normally. It should work without problems.