

Installation Manual for Multi-purpose Ecological Risk
Assessment and Management Tool (AIST-MeRAM) **For**
Windows 10



AIST-MeRAM

February 14, 2017

National Institute of Advanced Industrial Science and Technology (AIST)
Research Institute of Science for Safety and Sustainability

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1. Operating Environment

The following table describes hardware requirements and software requirements for the Multi-purpose Ecological Risk Assessment and Management Tool (AIST-MeRAM).

Component	Description
OS	Windows 7 SP1 (32bit/64bit) Windows 8/8.1 (32bit/64bit) Windows 10 (32bit/64bit)
CPU	2.0GHz or higher x86-compatible processor recommended
Memory	2.0GByte or more recommended
HDD	More than 5GByte of disk space available
Display	1024×768 or higher resolution
PDF Viewer	Adobe Reader, etc.

The components below are automatically installed on your computer along with the AIST-MeRAM application.

- Database (SQLite)
- Numerical library (Math.NET Numerics, LAPACK)

2. Installation



Attention

It is recommended that you use an administrator account to perform the installation. You can install the tool with a limited user account but are required to enter an administrator password several times during the installation.

To install this tool, please follow one of the procedures outlined below.

- Installation of AIST-MeRAM from the web page
⇒ Go to “2.1 Installation from the web page”.

- Installation of AIST-MeRAM from CD-ROM
⇒ Go to “2.2 Installation from CD-ROM”.

2.1. Installation from the web page

The installation program is available on the following website:

<https://en-meram.aist-riss.jp/download/>

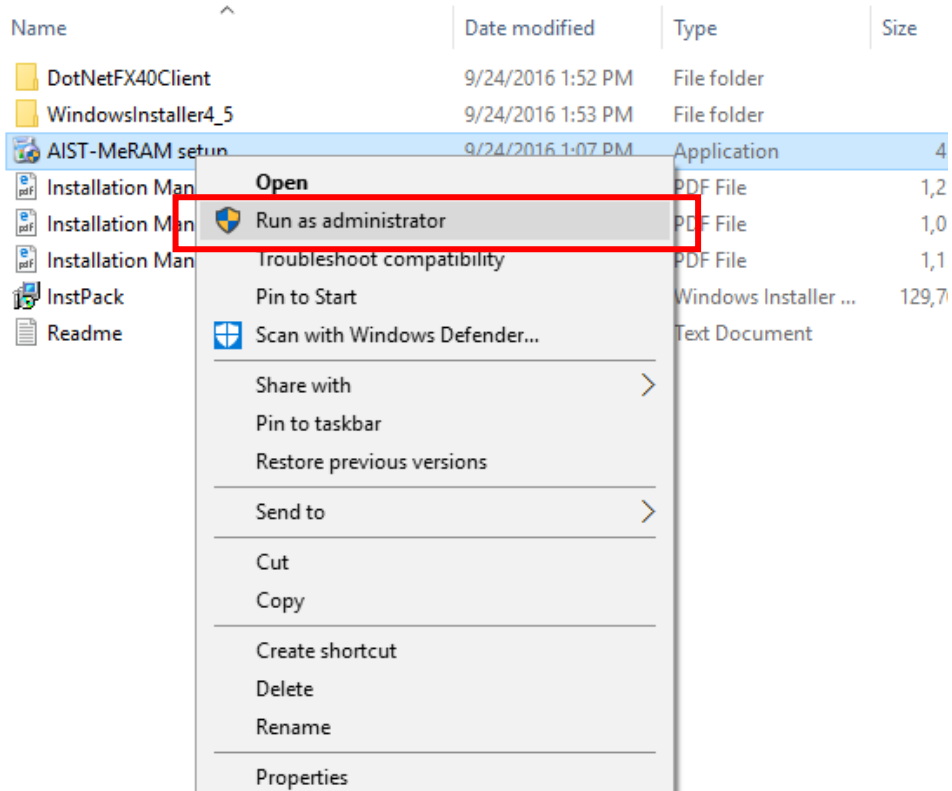


The installation program is a self-extracting .exe file so that you need to run and extract it to a folder of your choice on your computer. Depending on your security software, a warning dialog may appear. Check the authenticity of the file and extract it.

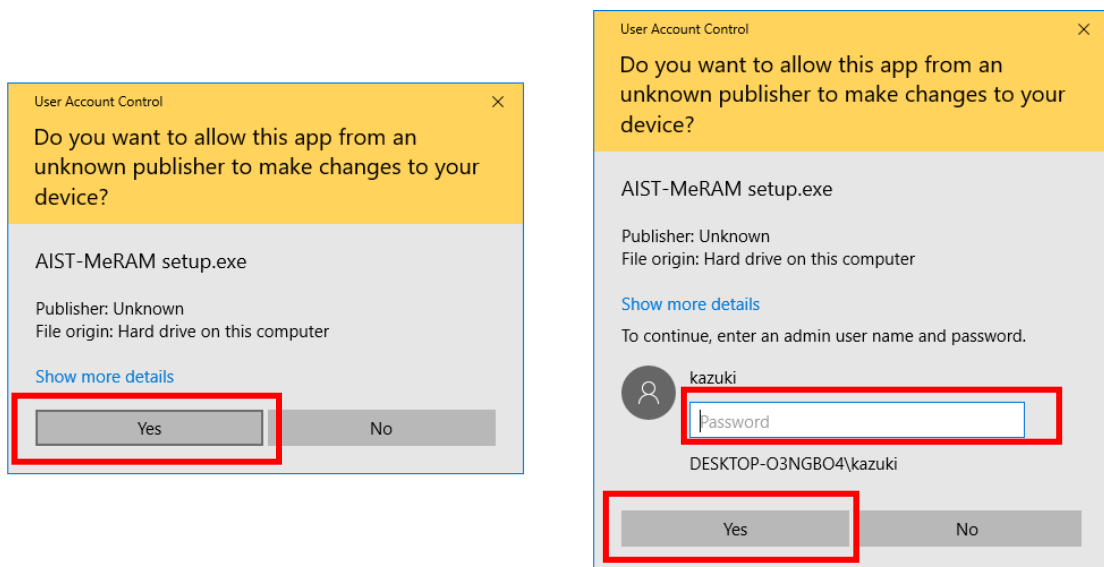
1) Starting the installation program

Right-click on the unzip file named “AIST-MeRAM setup.exe” in the destination folder, and select “Run as administrator” from the File Menu.

* Right-click means to tap the right mouse button once.

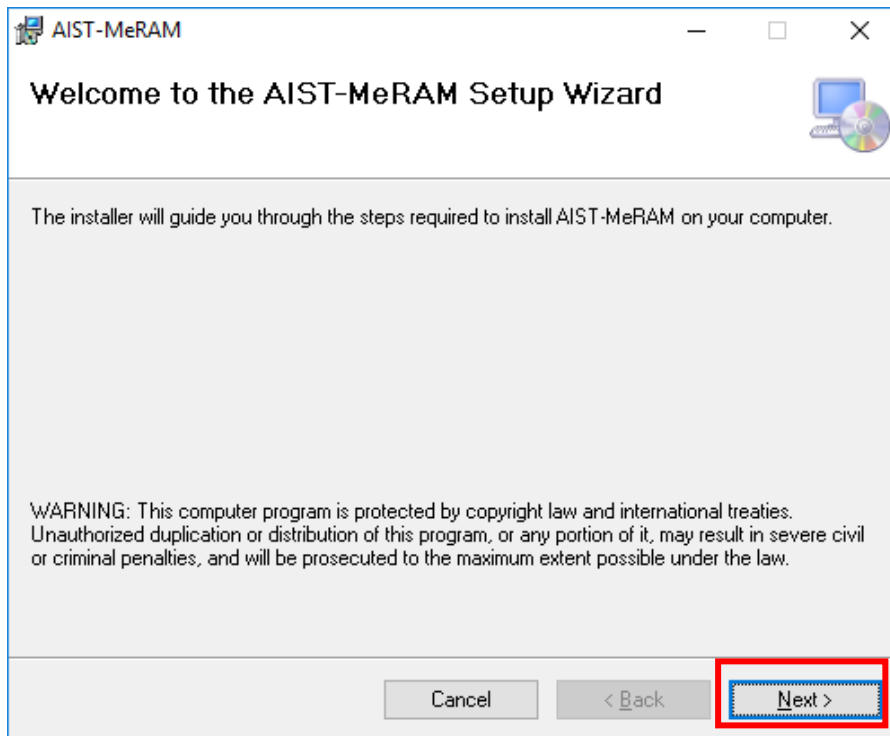


If the User Account Control is turned on, the following dialog will appear. Click “Yes” to proceed. Also, if you are logged in as a limited user, you will be prompted to type an administrator password. Enter the password, and then click “Yes”.



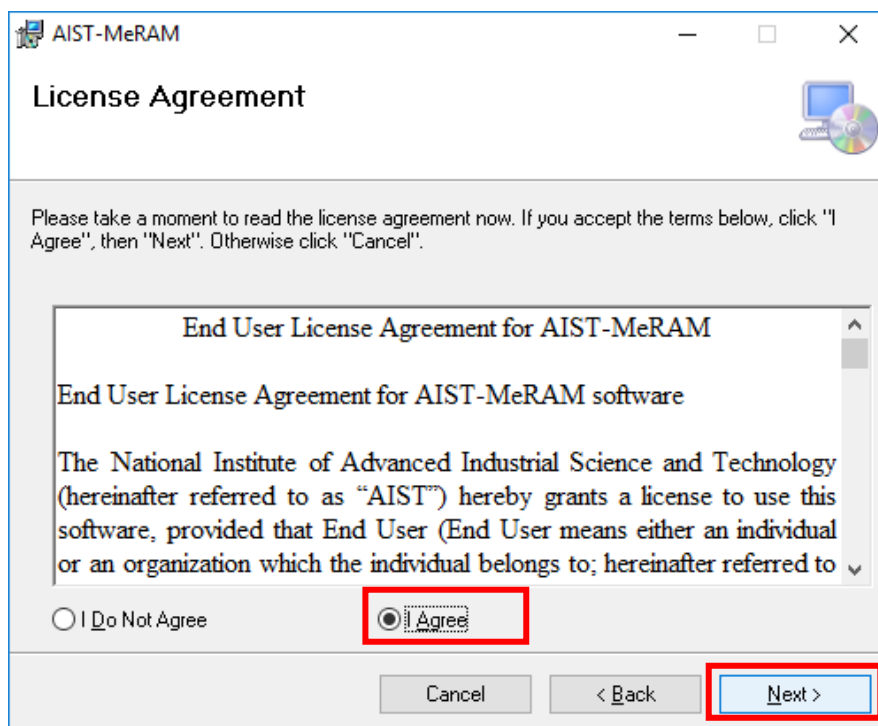
2) Installing AIST-MeRAM

When the welcome dialog appears, click “Next” to continue.



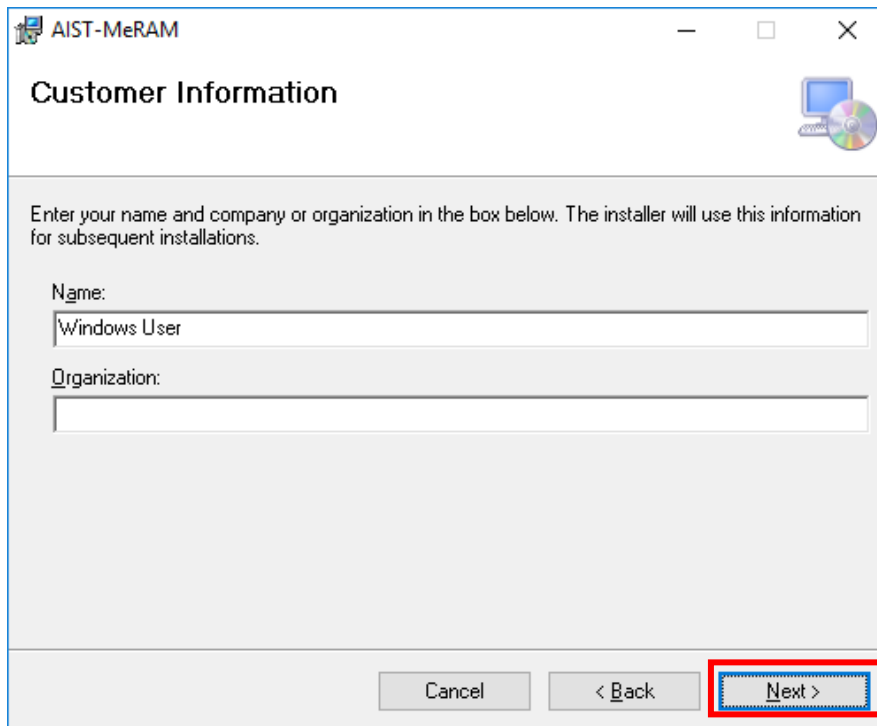
3) Accepting the End User License Agreement

The End User License Agreement for AIST-MeRAM appears. If you agree to the terms of the agreement, select “I Agree”, and then click “Next”.



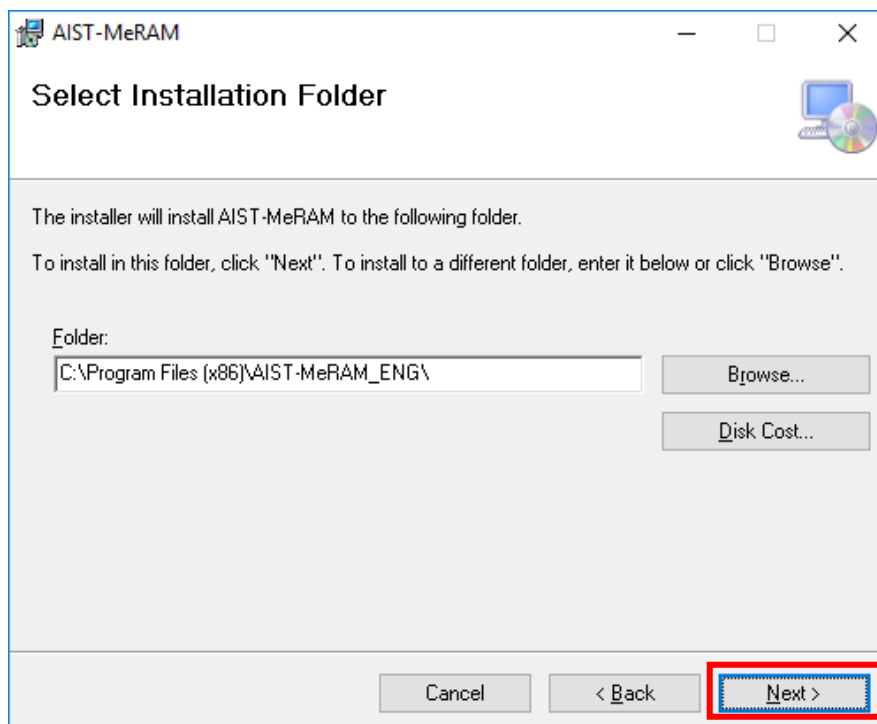
4) Confirming user information

Enter user information and click “Next” to start the installation.



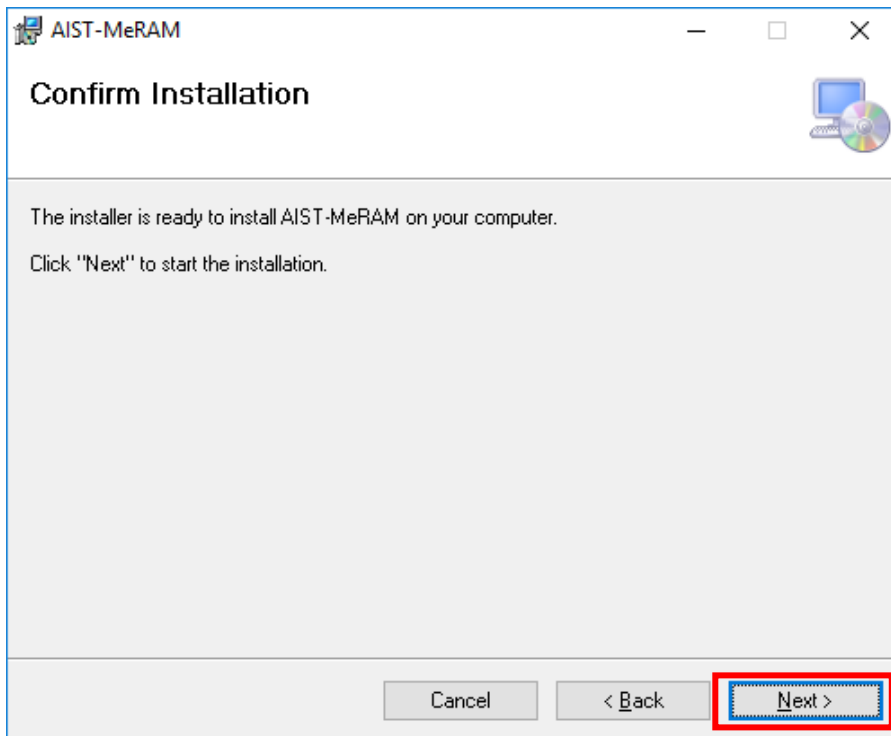
5) Selecting the installation folder

Select the installation folder and click “Next”.



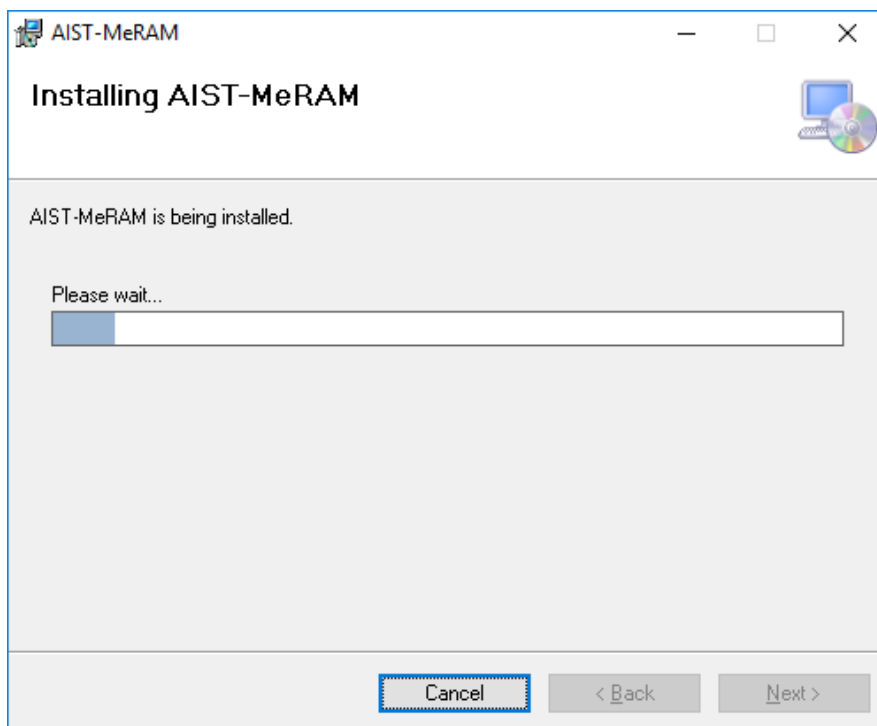
6) Confirming the installation

Click “Next” to start the installation.



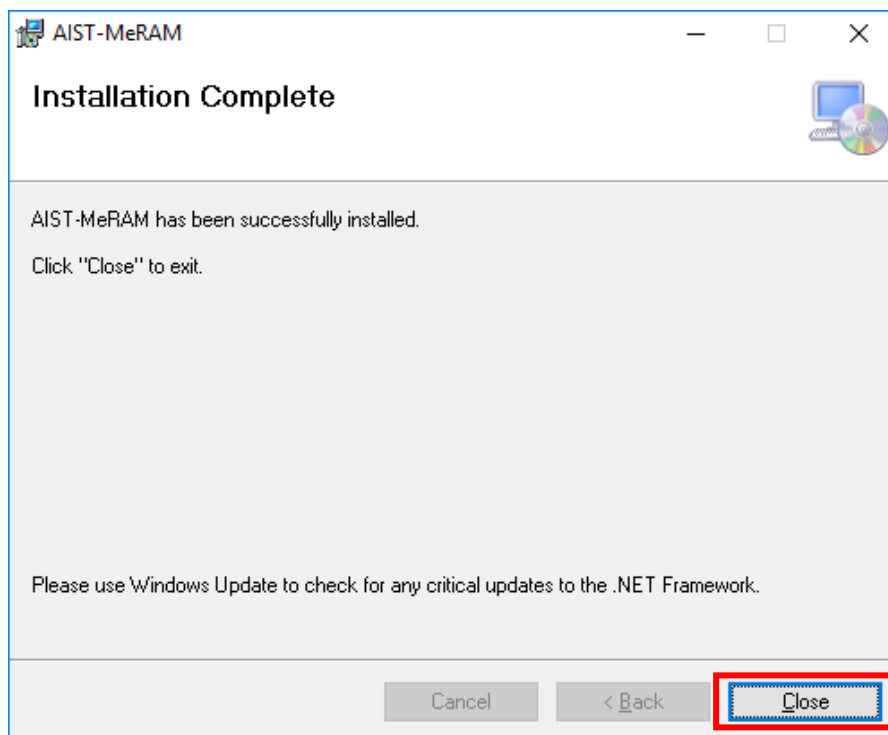
7) Installing AIST-MeRAM

The installation is being performed.



8) Completing the installation

Click “Close” to complete the installation.



If your computer has an internet connection, please update the framework. For more details, see “2.3 Windows Update”.



Updating the framework is not mandatory.

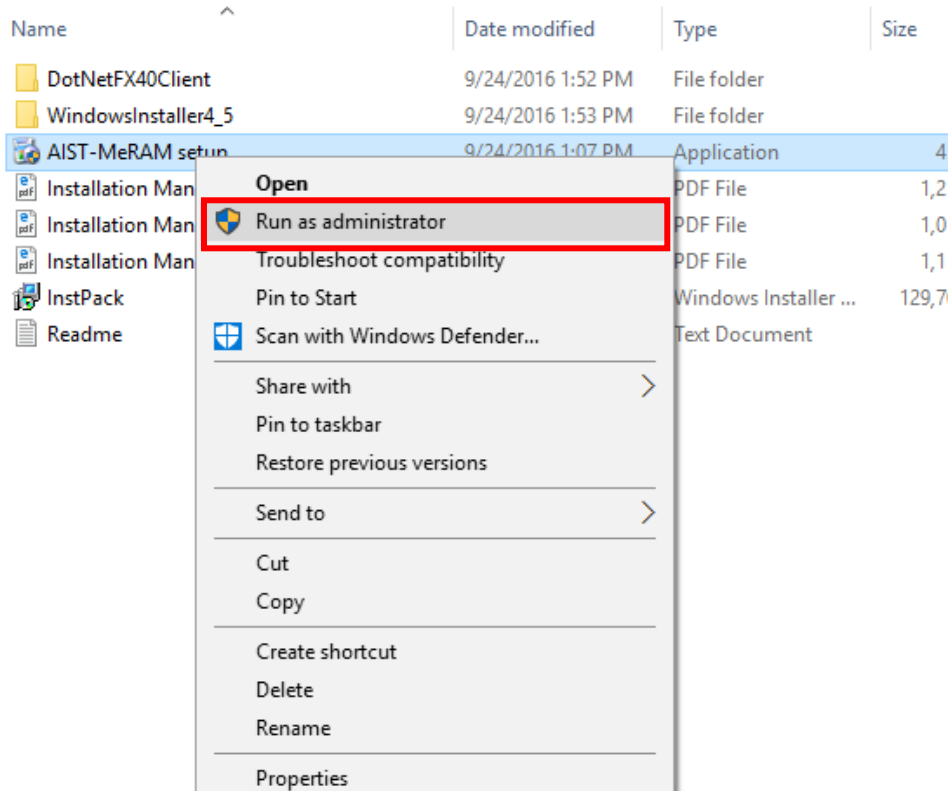
Attention

2.2. Installation from CD-ROM

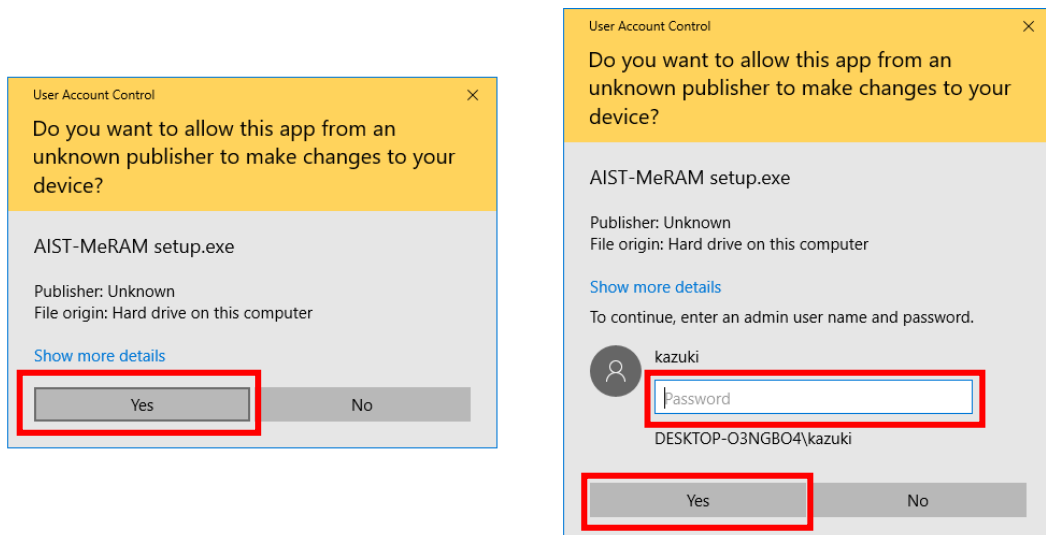
1) Starting the installation program

Right-click on the file named “AIST-MeRAM setup.exe” in the root folder of the CD-ROM, and select “**Run as administrator**” from the File Menu.

* Right-click means to tap the right mouse button once.

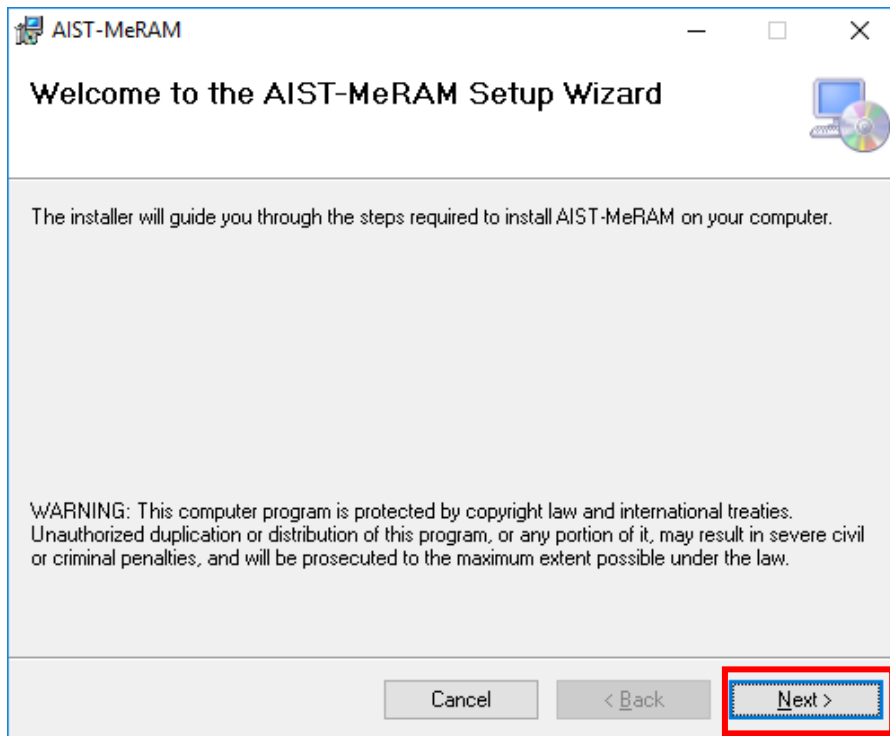


If the User Account Control is turned on, the following dialog will appear. Click “Yes” to proceed. Also, if you are logged in as a limited user, you will be prompted to type an administrator password. Enter the password, and then click “Yes”.



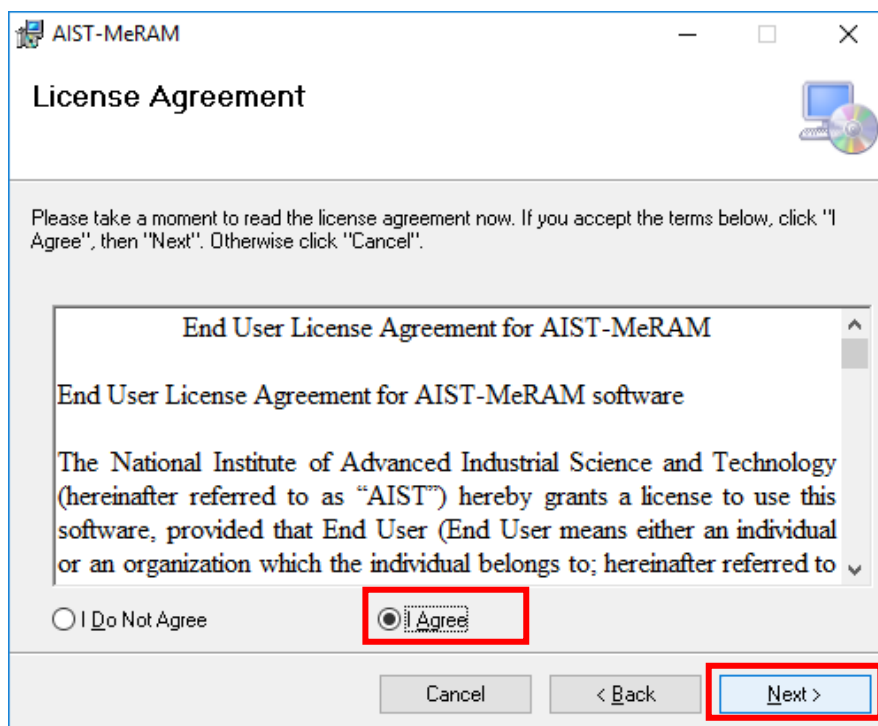
2) Installing AIST-MeRAM

When the welcome dialog appears, click “Next” to continue.



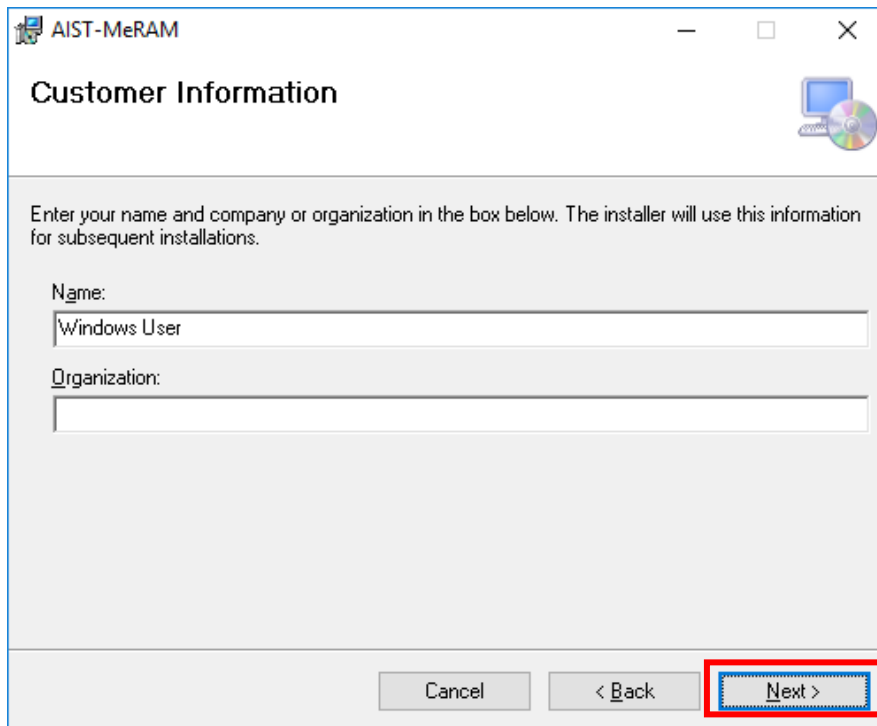
3) Accepting the End User License Agreement

The End User License Agreement for AIST-MeRAM appears. If you agree to the terms of the agreement, select “I Agree”, and then click “Next”.



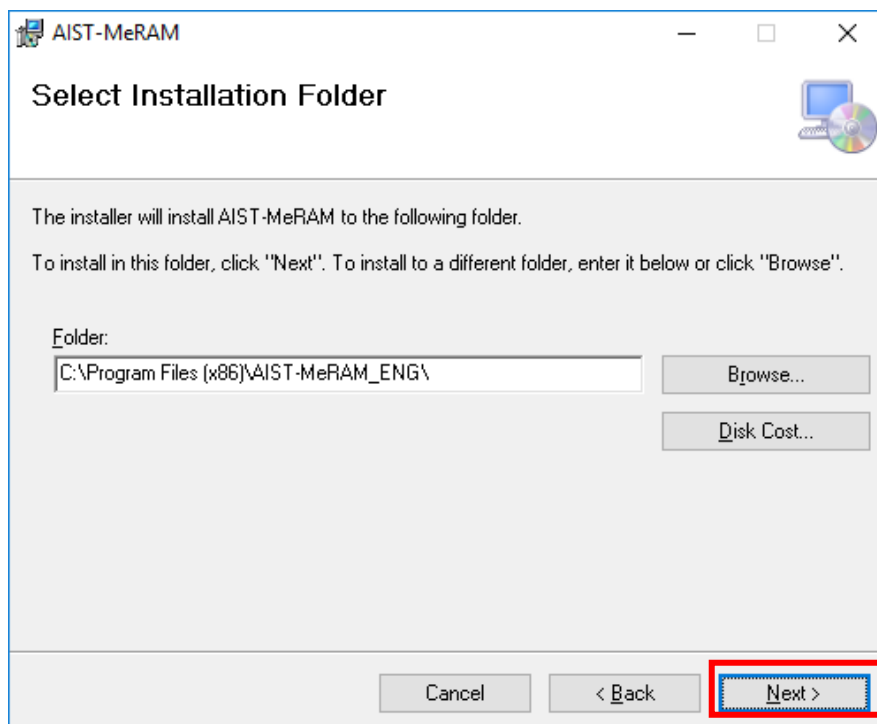
4) Confirming user information

Enter user information and click “Next” to start the installation.



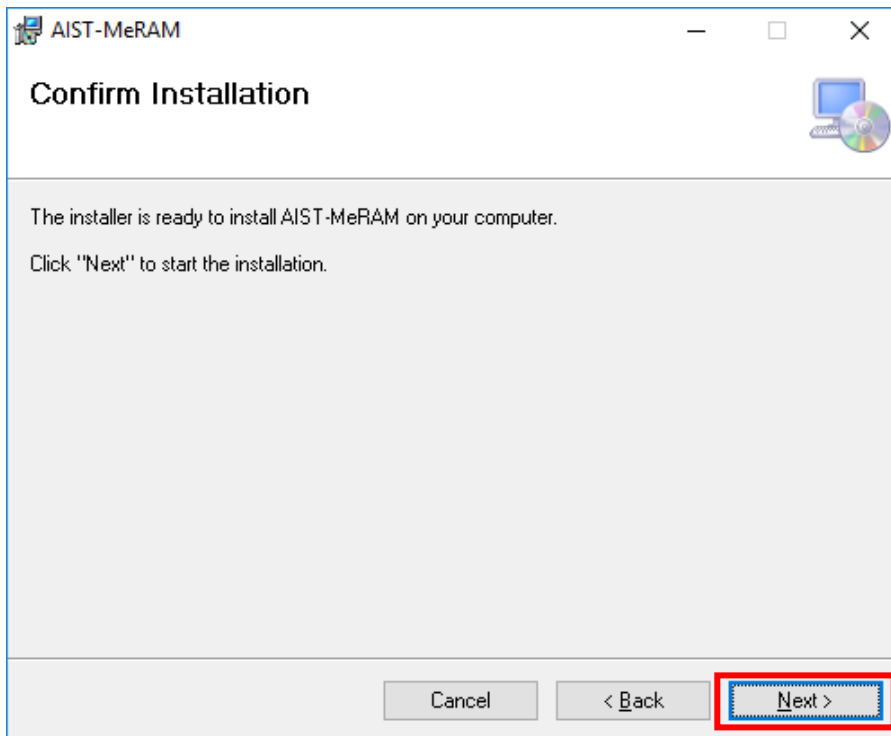
5) Selecting the installation folder

Select the installation folder and click “Next”.



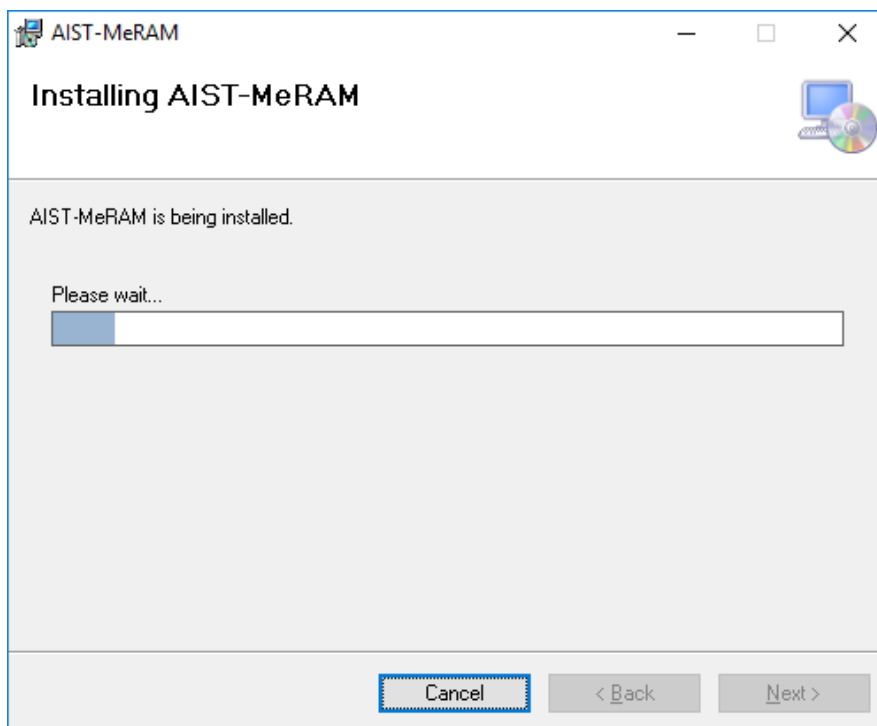
6) Confirming the installation

Click “Next” to start the installation.



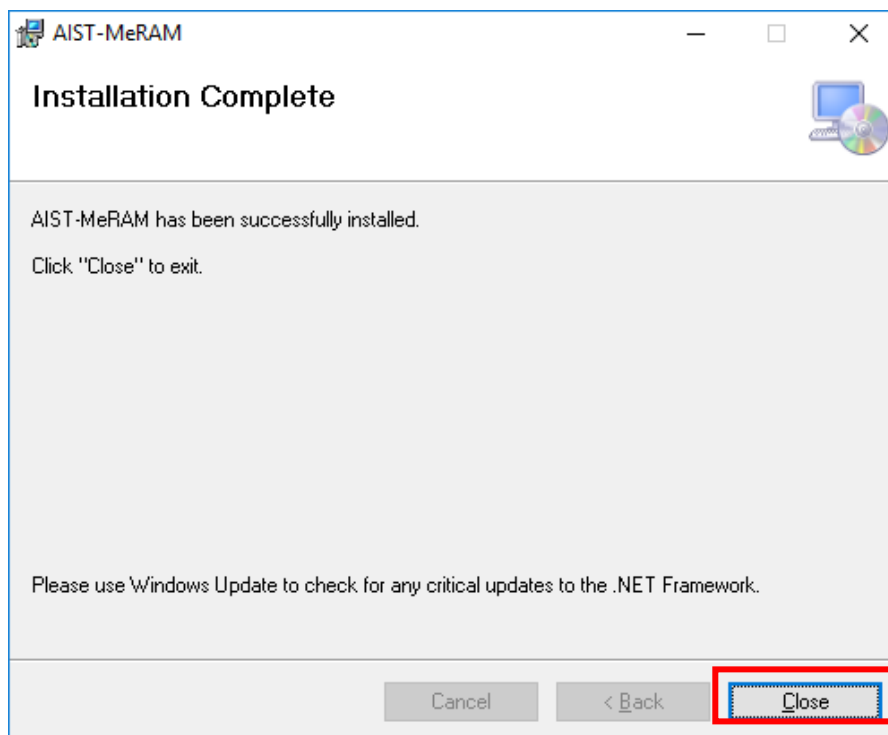
7) Installing AIST-MeRAM

The installation is being performed.



8) Completing the installation

Click “Close” to complete the installation.



If your computer has an internet connection, please update the framework. For more details, see “2.3 Windows Update”.



Updating the framework is not mandatory.

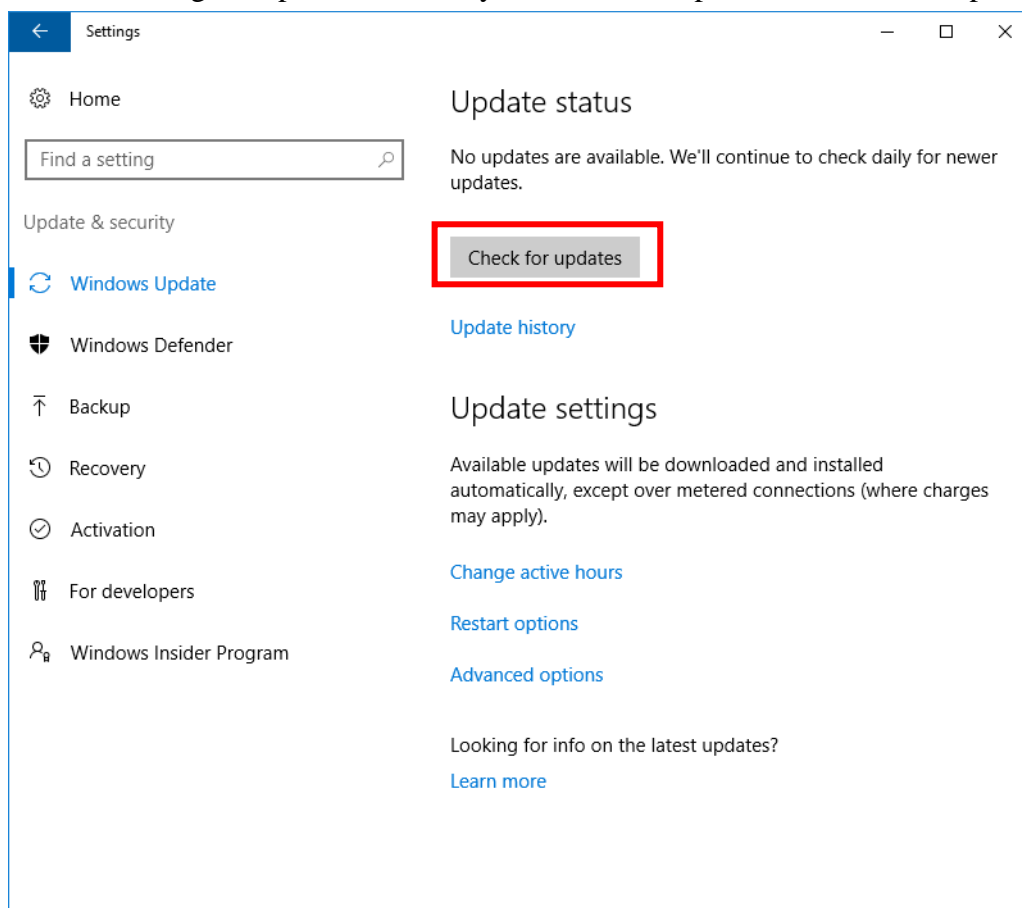
Attention

2.3. Windows Update

Run “Windows Update” to check if the latest programs of the framework are installed.

[Procedure for installing important updates]

1) Start Menu ⇒ Setting ⇒ Update & Security ⇒ Windows Update ⇒ Check for Updates.



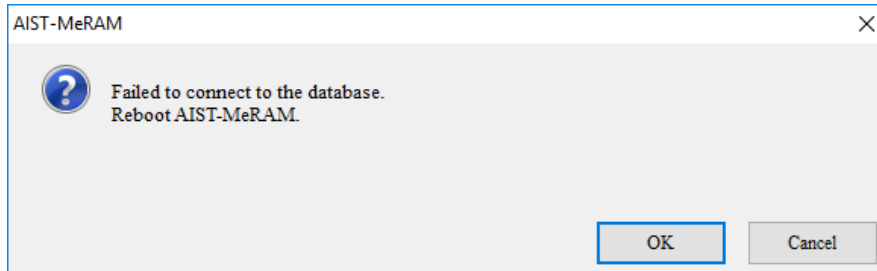
2) If any important updates are detected, install them.

2.4. Troubleshooting

2.4.1. Database Connection Error

Failure in starting AIST-MeRAM

Failure in starting AIST-MeRAM with the screen display of error message as shown.



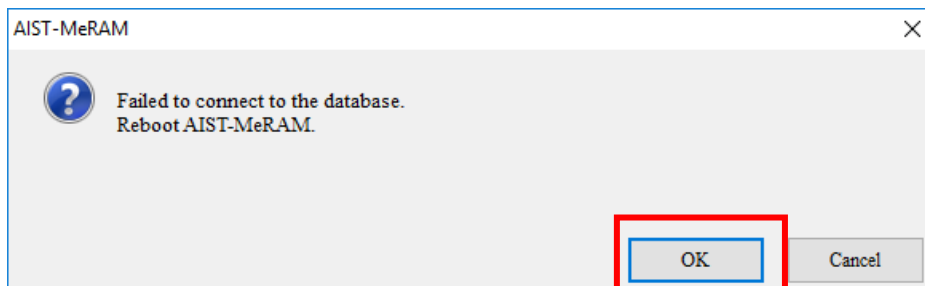
The reason for the failure

It seems that the necessary package (Runtime Package) for connecting to the database is not yet been installed.

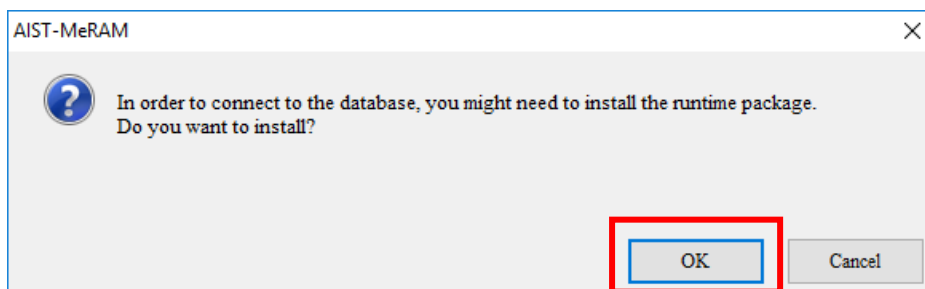
Solution to the failure

Please follow the procedures showing below to install the Runtime package.

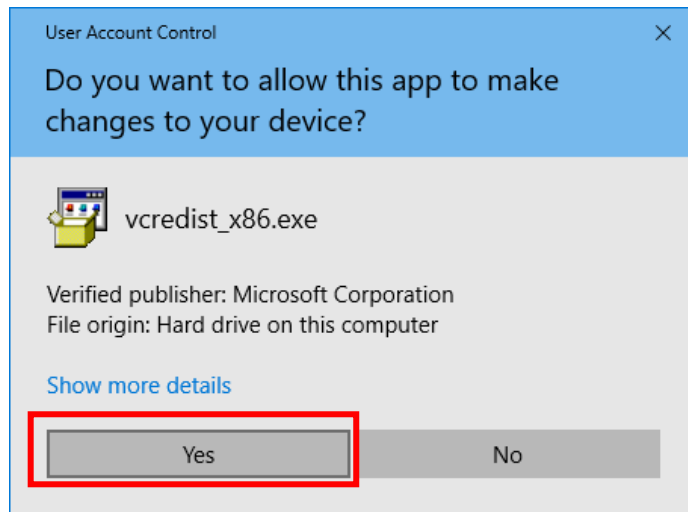
- ① Click the "OK" button.



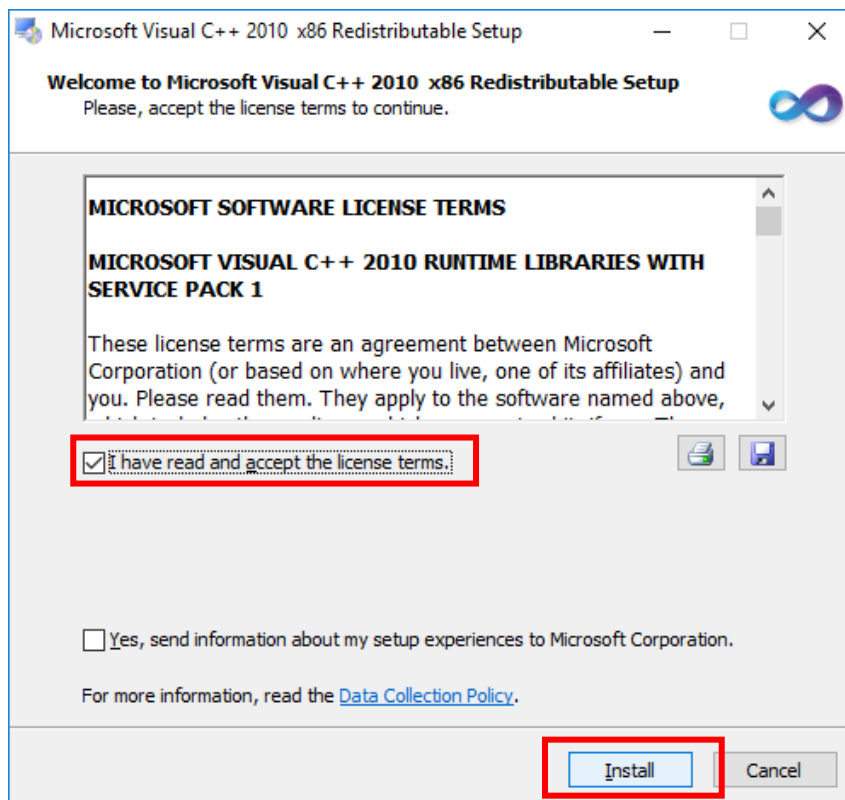
- ② Click the "OK" button.



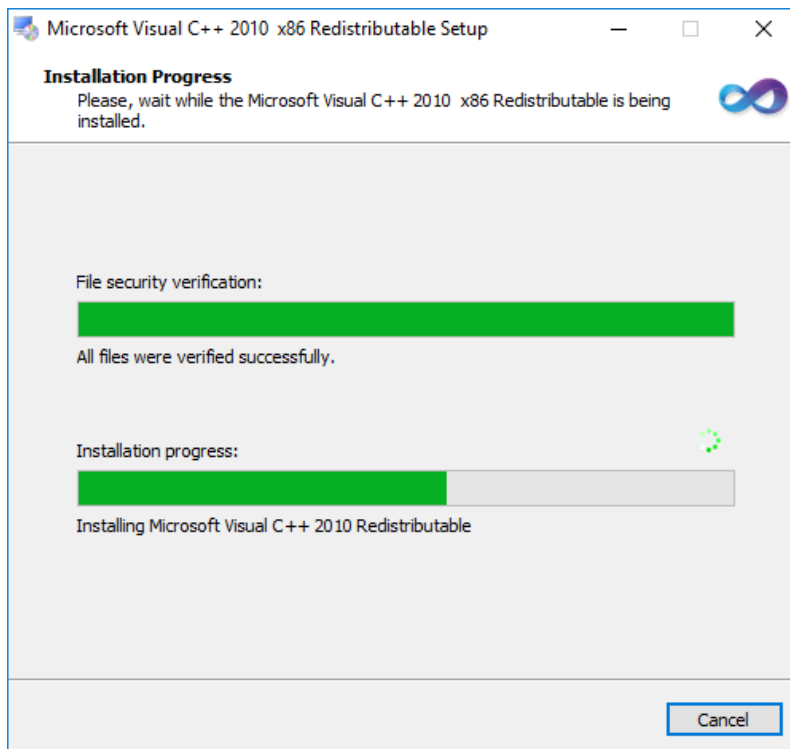
- ③ Click the "Yes" button.



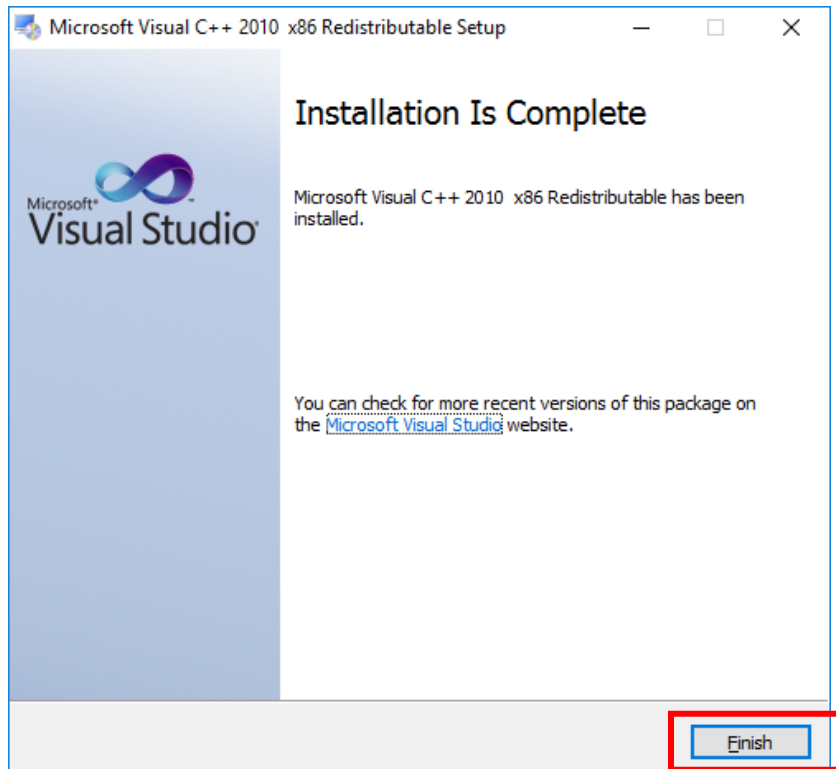
- ④ Check the "I agree" button, and then click the "Install" button.



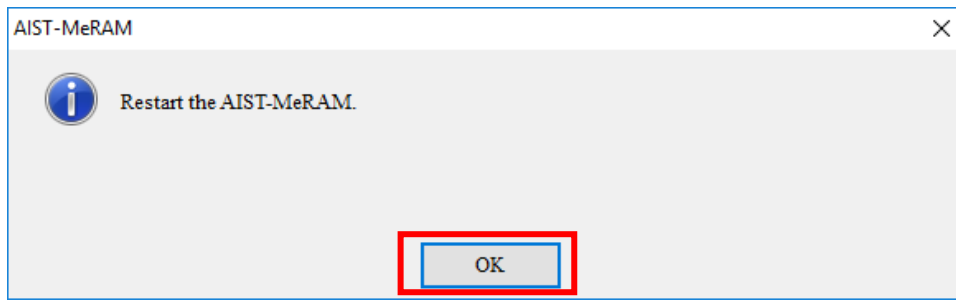
⑤ It is being installed.



⑥ Since the installation is complete, click "Finish" button.



- ⑦ Click the "OK" button.



Attention

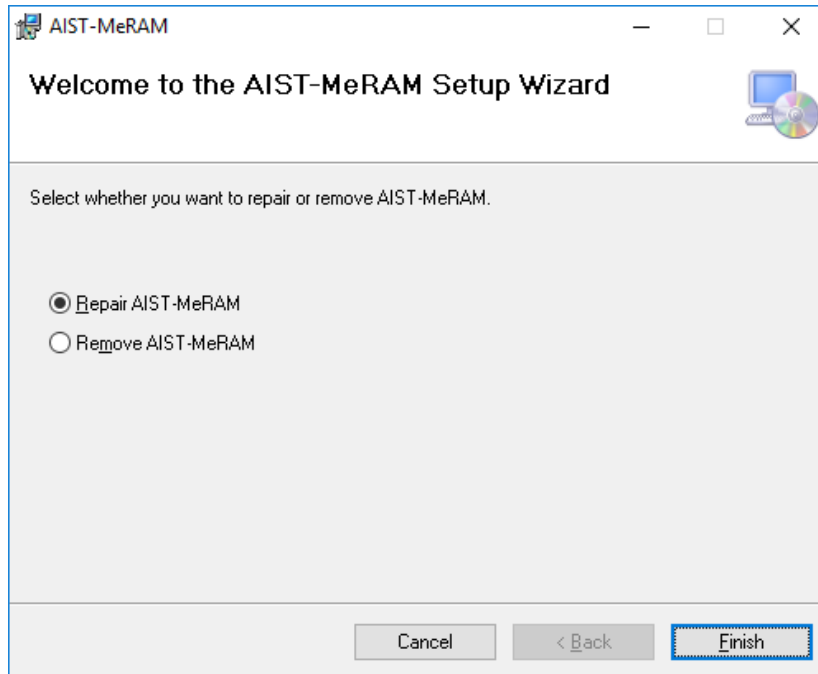
In the case of the error occurring again in the database connection even after the implementation of the Runtime Package installation, please contact us at the address below.

binle-lin@aist.go.jp

2.4.2. Installation Dialog for Repair/Deletion Appears

Error

The following dialog appears at the time of installation.



Cause

The dialog appears if you try to install the same version of AIST-MeRAM that has been already installed on your computer.

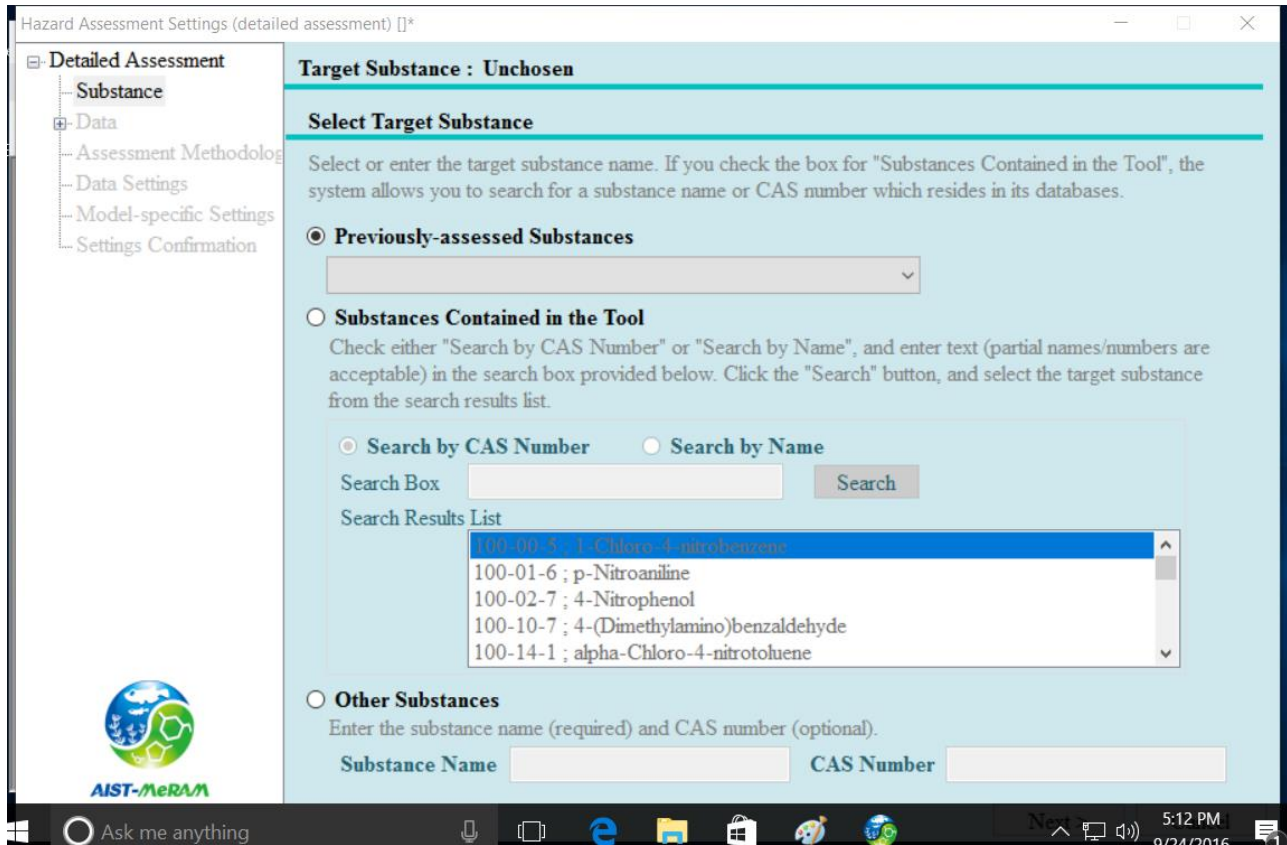
Solution

Click “Cancel” to close the dialog. In order to reinstall AIST-MeRAM, you need to uninstall the previously installed application beforehand (See “4. Uninstalling AIST-MeRAM”).

2.4.3. Cut-off Text in AIST-MeRAM User Interface

Error

The text on the AIST-MeRAM screen is cut off as shown below.

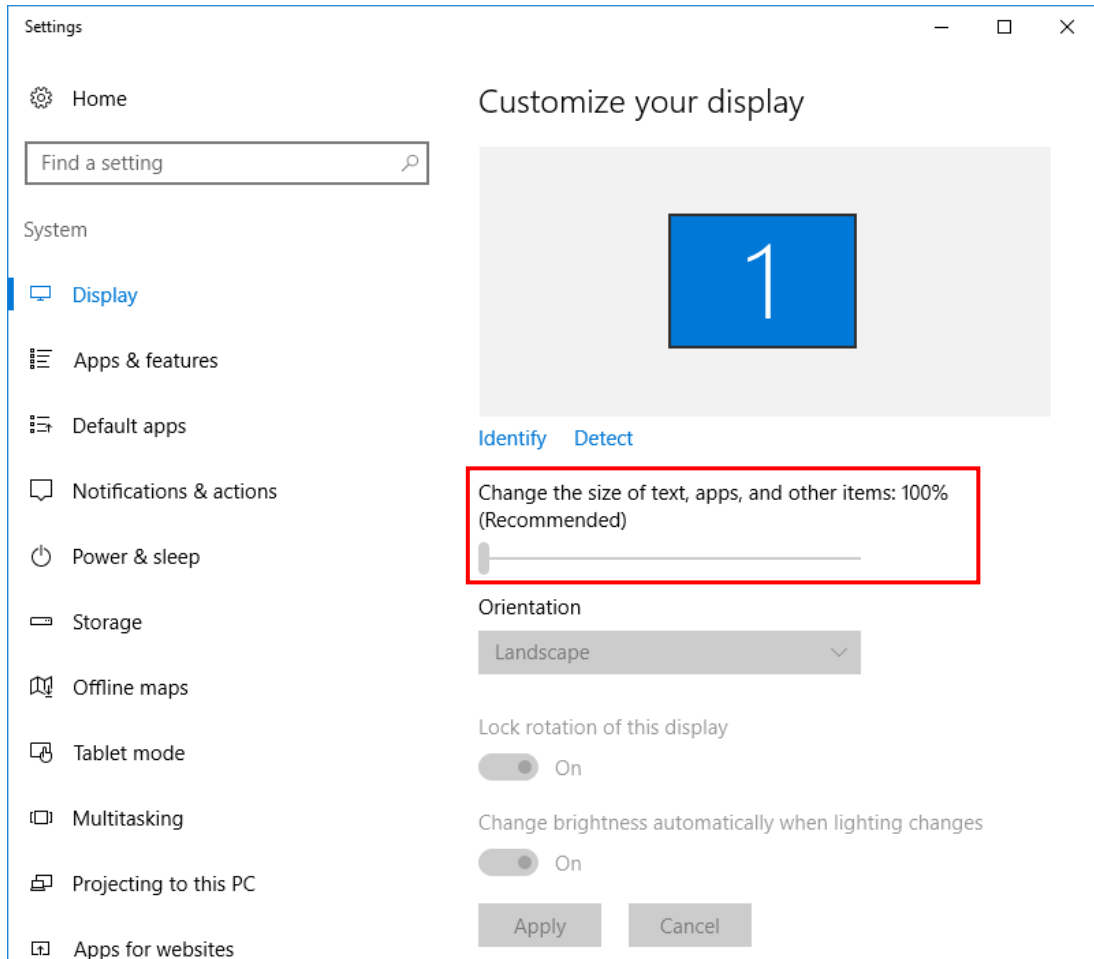


Cause

This tool cannot handle DPI settings higher than 100%.

Solution

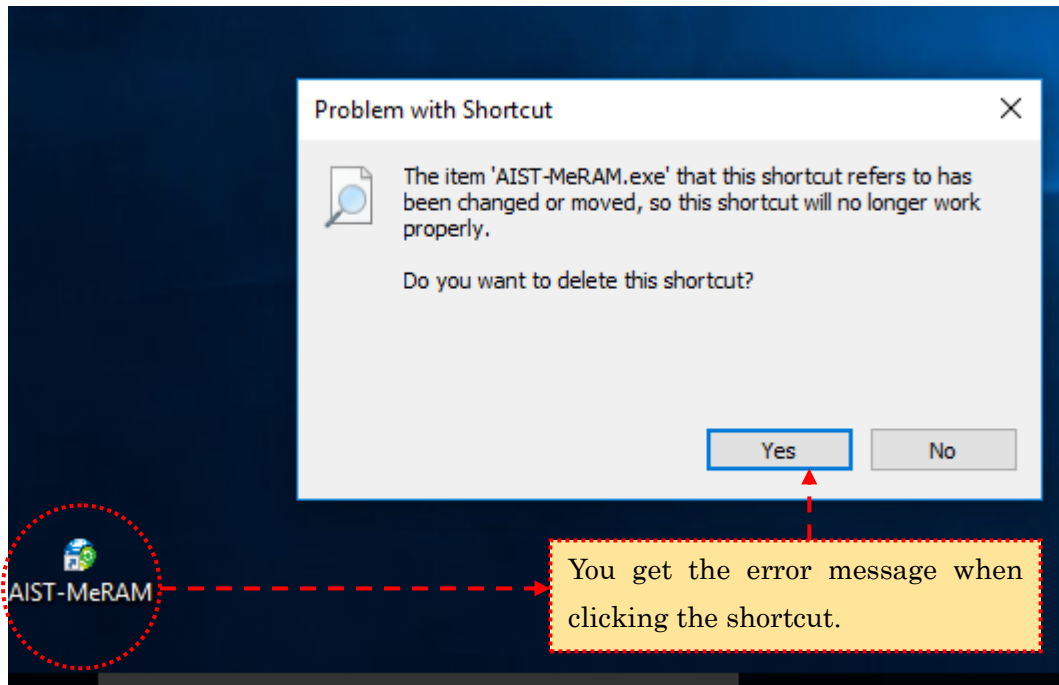
Display settings ⇒ Customize your display. As the following dialog appears, set display settings to the default (100%).



2.5. Shortcut Error

Error

The following dialog appears when you start AIST-MeRAM.



Cause

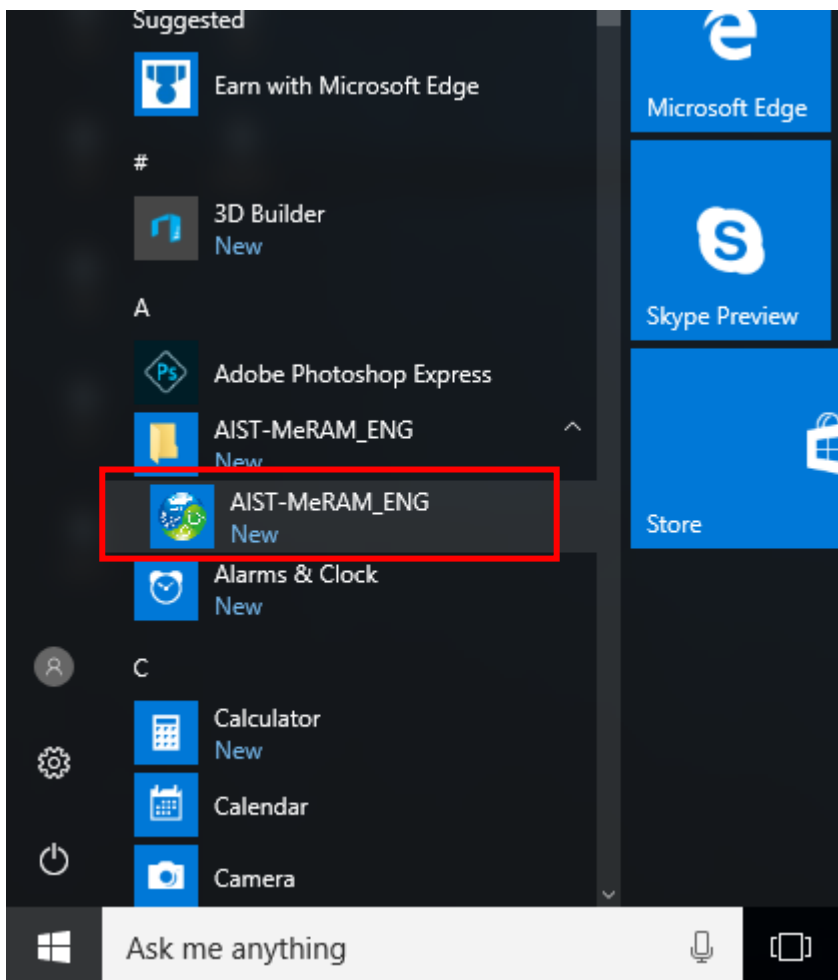
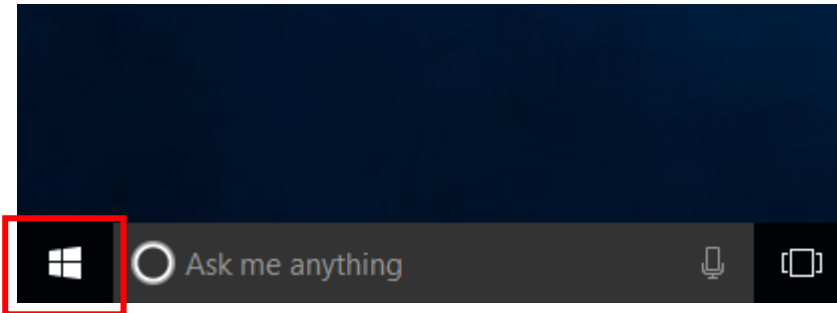
If you create your own shortcut of AIST-MeRAM, it will remain on the taskbar even after the uninstallation of the tool.

Solution

Delete the shortcut that you created if you uninstall AIST-MeRAM. If you click the AIST-MeRAM icon on the taskbar to start the system after uninstallation, the error message appears, and the icon is automatically deleted from the taskbar.

3. Starting AIST-MeRAM

You can start AIST-MeRAM by clicking the icon in the lower left corner of the Start Menu, and then clicking “AIST-MeRAM_ENG” displayed in the Application window.

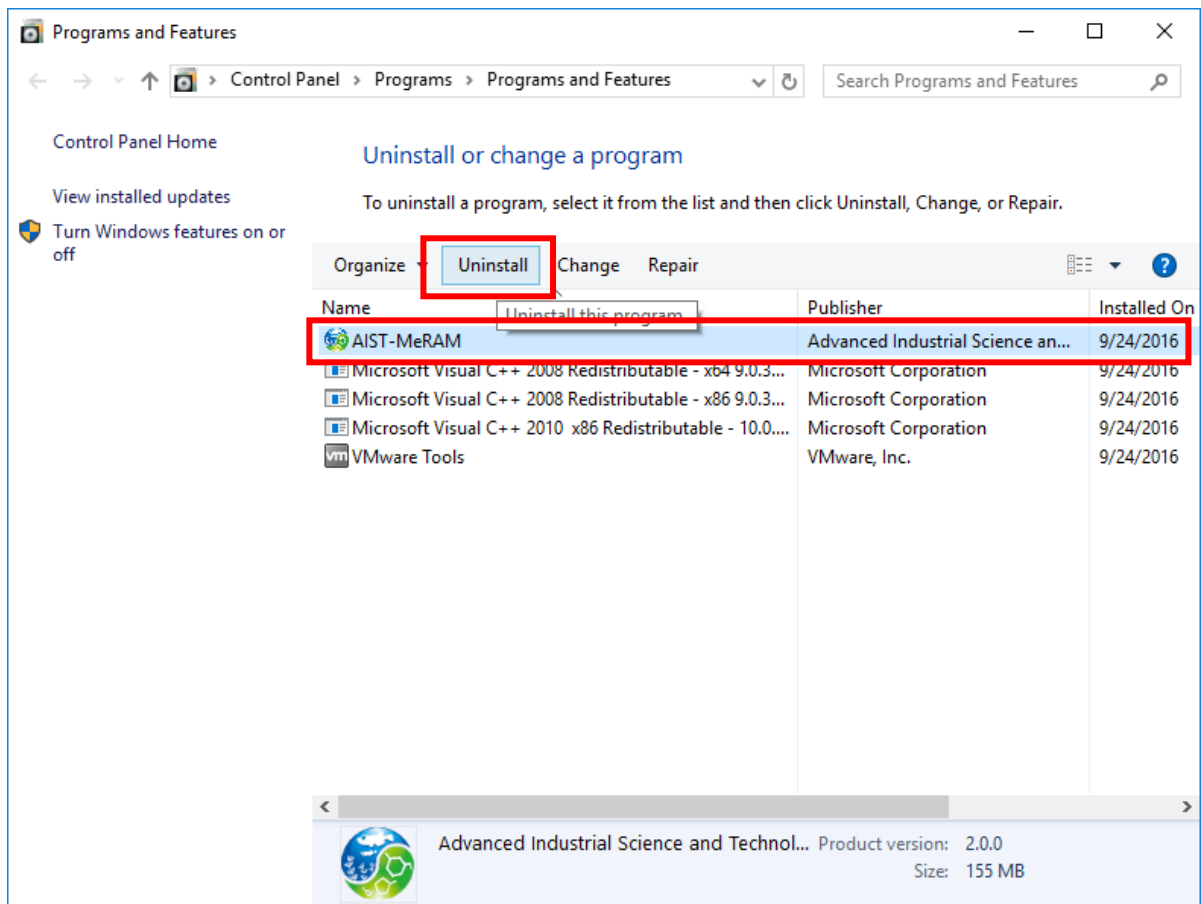


The database used for this tool is created for each login user. Therefore, for those using the tool for the first time, it may take a while until AIST-MeRAM user interface appears after starting the application.

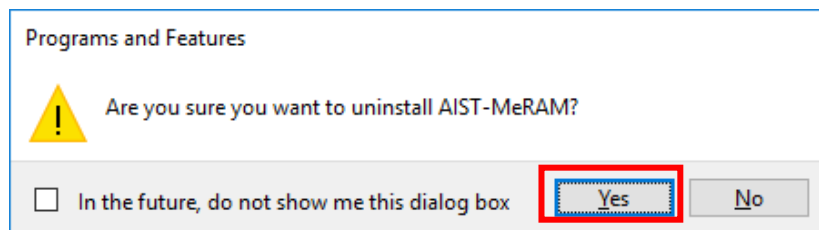
4. Uninstalling AIST-MeRAM

4.1. Procedure

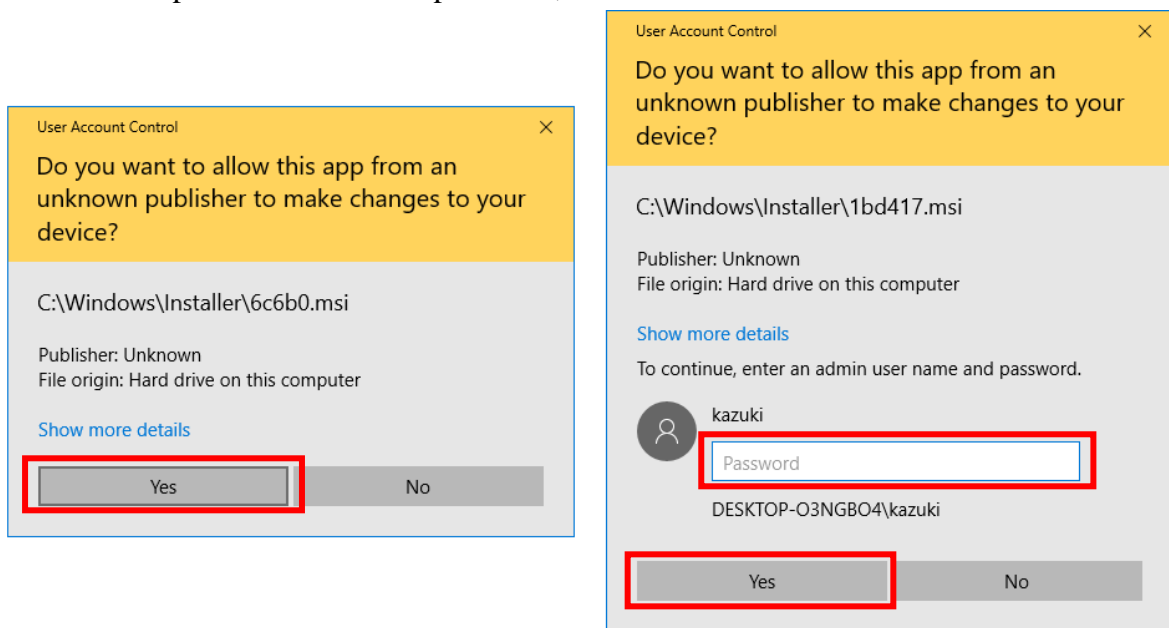
- 1) Click Control Panel ⇒ Programs ⇒ Programs and Features.
- 2) Select “AIST-MeRAM” and click “Uninstall”.



- 3) When you are prompted to confirm the uninstallation, click “Yes”.



- 4) If the User Account Control is turned on, the following dialog will appear. Click “Yes” to proceed. Also, if you are logged in as a limited user, you will be prompted to type an administrator password. Enter the password, and then click “Yes”.



Uninstallation is completed.