

1. Preface

Starting with AGETOR® 2 (AGETOR® products with a version number from 2.0.0 and up), all products are installed using a web-based installation tool. These products are packaged in a certain format and must be installed using the new AGETOR® Development Kit.

2. Before installation

When upgrading an existing project based on ADK 1.x, you should migrate to AGETOR® 2 by creating a new AGETOR® 2 project and moving your source files, web files, etc. to the new project. When this is done you can start rebuilding the project either by using the package building feature of AGETOR® (see the guide on creating product packages), or by compiling the files manually.

On the AGETOR® Download Center you will find two types of packages:

- AGETOR® Development Kit (ADK) zip-files
These files must be unzipped directly into AGETOR_HOME, where after the installation procedure described below must be followed. These zip files can be full ADK files or special ADK updates. A full ADK zip file is the basis of any AGETOR® installation
- Product files with the extension .apa
These files require an existing AGETOR® environment in order to be installed. They must be placed in AGETOR_HOME/install/packages

To install and run AGETOR®, you need to have a Java Development Kit (JDK) in version 1.3 or newer installed.

3. Installation of AGETOR Development Kit

This guide covers both Unix and Windows installations so the assumptions are:

slashes (/)	Means / on Unix and \ on Windows.
scripts	Scripts have no suffix on Unix and a .bat suffix on Windows
AGETOR_HOME	The directory where the ADK is installed

When installing a full ADK on Windows, we recommend using the setup program called adk-install2_x_x-win.exe. Alternatively, you can do a manual installation by following the steps for the Unix installation, which are almost identical.


To install a full ADK, you must provide the following information:

- AGETOR_HOME (see above)
- JAVA_HOME
This is the root directory of your JDK installation, e.g., C:\j2sdk1.4.1
- Project name
A short name describing the project, e.g., Myproj_dev

The ADK package comes with a default webserver, Tomcat 4.0.6, so you do not need to install a separate webserver. If you wish to use another webserver or use another name for the web application, this setting can be used:

- Web application root (not mandatory)
Alternative location of the web application, e.g., /usr/jakarta-tomcat/webapps/Myproj_dev By default, the location is AGETOR_HOME/jakarta-tomcat/webapps/agetor2

If you change the default location of the web application, you may want to modify the Tomcat configuration so your web application uses the root context. Otherwise, you must also change the AGETOR® Control Center property `webapp.pvc` in `conf/properties/adminprivate.properties` so it includes your web application context, e.g.; `webapp.pvc=/Myproj_dev/agetor/pvc`.

 **IMPORTANT:** Do not use spaces in any of the above settings, and do not let directory names end with a slash (/ or \).

3.1 Windows setup program

1. Launch the `adk-install2_x_x-win.exe` program
2. The setup program will prompt you for the relevant properties
3. When the installation has been unpacked and initialized, you can choose to have the Install Tool launched automatically. Otherwise, go to `AGETOR_HOME/bin`, open a prompt, type `installer`, and open a browser pointing to <http://<host>:8020/agetor/install>
4. Log in to the Install Tool using the default username/password: `admin/admin`
5. Complete the installation of the AGETOR® Development Kit by installing the package shown in the browser, `adk2_x_x`
6. To stop the installer nicely, open a prompt a type `installer stop`

3.2 Manual setup

1. Unzip the file `adk-install2_x_x.zip` into `AGETOR_HOME`
(On Unix use the `jar -xvf adk-install2_x_x.zip` command, if `unzip` is unavailable)
2. Open a shell(ksh or bash compliant) and go to `AGETOR_HOME/bin/install`
3. Run the setup program (remember the initial dot on Unix systems):

```
.. ./setup <AGETOR_HOME> <JAVA_HOME> <Project name> [<Alternative webapp location>]
```

Examples:

```
.. ./setup /home/project/Myproj_dev /usr/jdk1.4.1 Myproj_dev
```

```
.. ./setup /home/project/Myproj_dev /usr/jdk1.4.1 Myproj_dev  
/home/project/Myproj_dev/jakarta-Tomcat/webapps/Myproj_dev
```

```
setup C:\project\Myproj_dev C:\j2sdk1.4.1 Myproj_dev
```

4. If the setup script completed successfully, you can launch the Install Tool by typing `installer`
5. Open a browser and point to <http://<host>:8020/agetor/install>
6. Log in to the Install Tool using the default username/password: `admin/admin`

7. Complete the installation of the AGETOR® Development Kit by installing the package shown in the browser, `adk2_x_x`
8. To stop the installer nicely, type `installer stop`

To run a shell in the new project, run the `proj` script on Unix (`./proj`), or open the prompt on Windows. These scripts are placed in `AGETOR_HOME/bin`.

The username and password can be changed by editing the file `AGETOR_HOME/conf/install/security.cfg`.

4. Installing products and ADK updates

To install all products and ADK updates (not zip files), do the following:

1. Download the product package from the AGETOR® Download Center and place it in `AGETOR_HOME/install/packages`
2. Open a prompt or a shell and type `installer`
3. Open a browser and point to <http://<host>:8020/agetor/install>
4. Log in to the Install Tool
5. Install the package by following the online guide
6. To stop the installer nicely, type `installer stop`

ADK updates in zip files and full ADK zip files must be unzipped into `AGETOR_HOME` before installation.

5. Running the environment

To run a shell in the AGETOR® project, run the `proj` script on Unix (`./proj`), or open the prompt on Windows. These scripts are placed in `AGETOR_HOME/bin`.

To start the default webserver, type: `tomcat4 start`

To start the Broker, type: `broker-start`

To start the ServiceRunner, type: `services-start`

On Windows you will have to issue these commands in separate prompts.

If you have used the standard web application location during setup, you can check you installation using the AGETOR® Control Center by starting Tomcat 4 and directing your browser to:

<http://<host>:<Tomcat port>/agetor/admin>