

Zelerate AllCommerce

Release 1.2.2

Platform-Specific Information for Windows NT 2000

This document describes the tasks you need to complete if you are installing Zelerate AllCommerce 1.2.2 on Windows NT 2000. It also provides workarounds for features unsupported on Windows NT 2000.

Windows NT 2000 Installation Requirements

The only difference between installing on Linux and installing on Windows NT 2000 is that you have to install some additional prerequisite software in a specific order. This document replaces step 1, Installing Necessary Software in the standard installation procedure in the *Zelerate AllCommerce System Administrator's Guide*. Thereafter, you can follow the standard installation procedure for either automatic or manual installation, starting with step 3a or 3b.

Installation Checklist

Step	Task
1	Prepare for AllCommerce installation by installing other required software first. See <i>Installing Necessary Software</i> .
2	Expand the tarball.
3	Choose installation mode: automatic or manual.
	3a. Execute the <code>configure.pl</code> script if installing automatically. See <i>Installing Automatically with a Script</i> .
	3b. Follow step-by-step installation process using a command line if installing manually.
4	Troubleshoot the installation if necessary.

Installation Procedure

Complete steps 1 and 2 for either automatic or manual installation.

1. Installing Necessary Software on Windows NT 2000

You need to ensure that you have the following software installed properly before you can install AllCommerce. Download (if necessary) and install the software in the order given below.

1. Cygwin
<http://sources.redhat.com/cygwin/download.html>
2. MySQL
<http://www.mysql.com>
3. WinZip
<http://www.winzip.com>
4. Perl
<http://www.activestate.com>
5. Apache
<http://www.apache.org>
6. DBI database driver, version 1.14

You do not need to download this driver separately; the install command includes it. See [Database Drivers \(DBI and DBD\)](#).

Cygwin

Cygwin gives you a bash shell so that you can use UNIX commands.

Install Cygwin from the internet and accept all standard defaults. When prompted for a connection type, select either direct connection or the IE5 setting.

At this point, you should see the directory X: /cygwin, where X is the primary partition for the NT system.

WinZip

If the WinZip utility is not already installed on your system, install it using the standard defaults.

MySQL

Install MySQL using WinZip. Use Internet Explorer to get to the \mysql\bin directory. Select winmysqladmin and select a user and password. This command starts the MySQL server.

Make sure that MySQL is running by using MySQL manager.

Active Perl

Perl is automatically installed when you install Cygwin. However, you must install Active Perl for the ppm installation of MySQL-mysQL-modules-1.2215. Installing Active Perl will write over the previous installation.

You must install Active Perl in `X:/cygwin` directory, where X is the primary partition for the NT system.

Make sure that `x:/cygwin/bin/perl.exe` is written over when installing Active Perl; this puts ppm in the correct location.

Database Drivers (DBI and DBD)

Active Perl will need DBI and DBD drivers in order to communicate with your selected database.

DBI is a database interface API for Perl. It allows AllCommerce to smoothly connect to a database. DBI defines an API, but it omits the implementation-dependent details for the specific database. DBD Drivers are written to bridge the gap, implementing the API for a specific independent database.

1. Install DBI and DBD using the `ppm` command, which includes downloading. You will need DBI version 1.14.
2. Use `cd` to go to the directory where you have installed Active Perl. For most Windows NT 2000 users, this will be:

```
cd c:/cygwin/bin
```
3. At the command line, type:

```
perl ppm.pl
```

This command gives you the `>ppm` prompt.

4. At the `>ppm` prompt, type:

```
install DBI  
install DBD-mysql
```

Wrapper Interface for Cookieless Shopping

AllCommerce can provide cookieless browsing, using the "wrapper" interface. The wrapper interface is dependent on the `libwww` library for Perl. See [Appendix E: Implementing Cookieless Shopping](#) in the *Zelerate AllCommerce User's Guide* for more information. This step is optional; however, if you are using the wrapper interface, you need to ensure that `libwww-perl` is working properly.

Ensure that the following packages are installed:

```
Digest::MD5  
HTML::Parser  
MIME::Base64  
URI
```

You can obtain these packages from www.linpro.no/lwp or <http://www.cpan.org/>.

You are now ready for step 2 in the installation procedure, [Expanding the Tarball](#).

2. Expanding the Tarball

Complete the following steps to download the tarball and start the AllCommerce installation procedure.

1. Bring up the cygwin screen.
2. Change directory (cd) to /home .
3. Type in: mkdir httpd
4. Download the tar ball from www.zelerate.org.
5. Copy or move the tar ball to /home/httpd/
6. Use one of the following commands to expand the tarball:
 gunzip tarball
 tar xvf tarball
7. Change directory (cd) to os_allcommerce.
8. Before you install manually or automatically, make sure that your path looks like this:
 C:/cygwin/home/httpd

Next Steps

You are now ready to move to step 3a or 3b, installing automatically or manually. The rest of the installation procedure is the same as it is for Linux. See [installation instructions](#) in the [Zelerate AllCommerce System Administrator's Guide](#).

Platform-Specific Support

The AllCommerce 1.2.2 release for Windows NT 2000 has the following support limitations:

Other Windows Platforms

At this time, Zelerate does not support:

- Windows 95
- Windows 98
- Windows 2000
- Windows NT 4.0

Symbolic Links

The AllCommerce 1.2.2 release for Windows NT 2000 does not support symbolic links, which are required for linking your home page and the `index.cgi` script. We provide the following workarounds:

- Home page linking
You must relink your home page every time you make changes to `objectid-AA.shtm`; otherwise, the site display will not reflect your changes.

Copy your `objectid` to your home page with the following command:

```
cp <objectid>-AA.shtml
```

- Linking `index.cgi`
Go to the `os_allcommerce` directory. You will find `index.cgi` in the `os_allcommerce/` directory, and `inbound.cgi` in the `os_allcommerce/cgi-bin/om` directory. Use the following command:

```
cp cgi-bin/om/inbound.cgi index.cgi
```