



*Advanced Revelation*  
**Software Distributor**

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**January 11, 2004**

# **AREV Software Distributor**

## **Overview**

The DXR package can be installed on any Advanced Revelation development license to track all changes made to selected files or dictionaries depending on various control parameters set by the developer. A build procedure then creates an install directory with an AREV executable that can be used to upgrade all client systems with some basic version control.

Although the system's primary purpose is to handle software, it works equally well for batch data distribution. It is compatible with all versions of AREV from 1.1 through 3.12.

**Note:** DX Release is distributed by the package itself and therefore serves as a demo for how your own application distribution will function.

## **Prerequisites**

DXR is intended for use with AREV Developer editions only.

The DOS-Based PKZIP.EXE file should be available to create the distribution packages.

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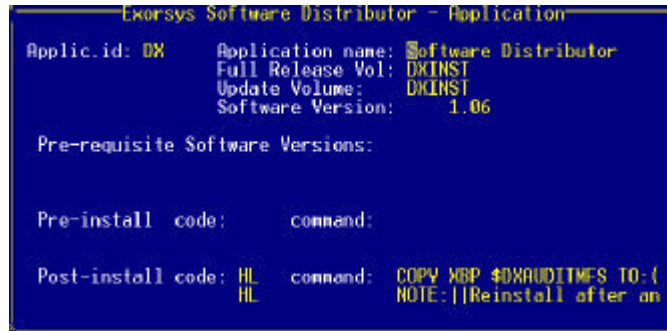
## **Installing for Development**

1. Unzip the DX999 file into a subdirectory (e.g. DXRELEASE).
2. Create a DOS Directory that will hold all your DX control files for all your applications (e.g. DXCONTROL)
3. From AREV TCL, run;
  - a. RUN DOS DXRELEASE\INSTALL
  - b. Provide DXCONTROL directory location when prompted.
  - c. Copy the Audit MFS file when prompted.
4. Re-start AREV

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## **Application Configuration**

Run DXR from TCL and you will be prompted to define your current application;



```
Exorsys Software Distributor - Application
Applic.id: DX      Application name: Software Distributor
Full Release Vol: DXINST
Update Volume:    DXINST
Software Version: 1.06

Pre-requisite Software Versions:

Pre-install code:  command:

Post-install code: HL  command: COPY XBP $DXAUDITMS TO: (
HL                  NOTE: ||Reinstall after an
```

Assign an abbreviation to your app, provide its name and release volume which should point to an empty DOS directory. You can alternatively provide different Update (for App Upgrades) volume.

The version number should be in the format 9.99.

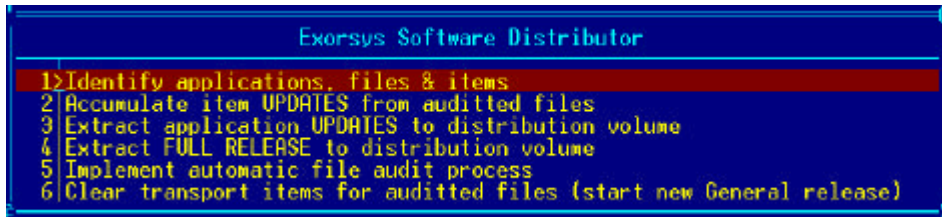
Prerequisite software volumes will be verified by the install process before installing your application. Any pre-install code/command pairs will be executed prior to installation and post-install code/commands terminate the process.

This screen can be accessed via the F6 Key from the application file definition screen (first selection from DX Popup List in next section) to modify parameters or define additional applications at any time.

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## **DX Developer Menu**

The following Popup is displayed when entering DX at TCL and provides access to all interactive functions;

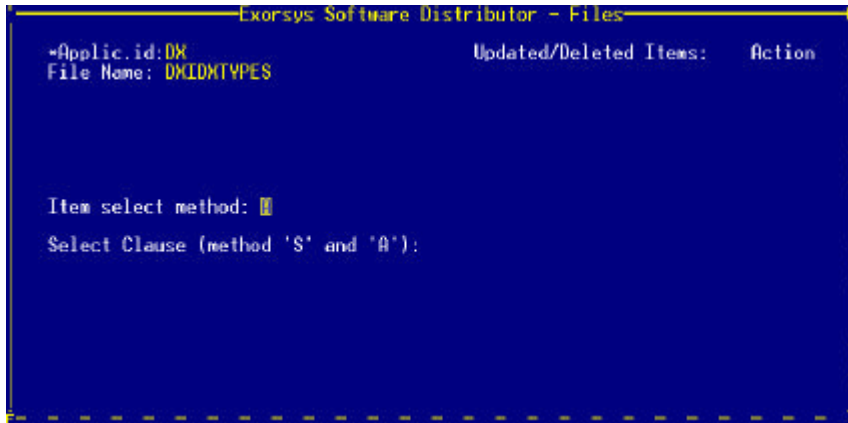


1. Access to the primary control screen for defining file and dictionary controls as well as auxiliary functions via the F6 softkey.
2. Scans the DX Audit file looking for changes made to selected files and populates the Item ID's found in screen #1
3. Creates an u grade distribution of all changes made since the last full (general) release,
4. Creates a full release of the application, which can be installed at new clients.
5. Utility to automatically audit all software files NOT YET IMPLEMENTED
6. Clear the accumulated changes audit after issuing a full, general version of the app.

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## Files and Dictionaries

Selecting the first option from the DXR menu brings up the following screen;



The Application ID is filled in from the current value. The Item list at the right is filled when the Item Select Method is set to “M” (Manual) or “A” (Audit) to identify which records should be distributed for this file in the next upgrade.

Use Item Select Method “S” to always distribute the same file contents, regardless of whether it is a Full or Upgrade release.

Select clause is an optional TCL statement that will be issued on Method “S” or on Method “A” when creating a Full App release.

Use F6 to access auxiliary functions;

Key	Function
1>SF1	Identify Application
2 SF2	Identify Index types
3 SF3	Define Install Groups