

How to Zoom an Xview Slide Database

Perform the following slide conversion steps using MISER V6.05 or later, unless otherwise indicated.

This documents shows how to convert slides from an older Xview slide format to the newer V1 slide format. The purpose of this exercise is to be able to “zoom” up the older slides to a larger size.

Perform the following steps to creates slides in which all slide objects have been scaled up to twice their original size. This process creates a slide database in the latest V1 slide format. (If you do not know the slide format version currently being used on the slide database, see the section on **Determining the Slide Format Version.**)

1. Using **MVFX**, compress the slide database, thereby removing any bad slides. Compress all the slide database files of form XSLIDE, XSYMBOL, XLIBRY.

```
$ set def site$view:
$ mvfx:==$mnet$exe:mvfx
$ mvfx
Enter filename (XSLIDE, XSYMBOL,XLIBRY): XSYMBOL
...
$
```

Using **MV2XV**, convert the slides from V0 slide format to V1 slide format. Convert all slide database files of form XSLIDE, XSYMBOL, XLIBRY.

```
$ set def site$view:
$ mv2xv:==$mnet$exe:mv2xv
$ mv2xv
Enter filename [mnet$view:xslide]: XSYMBOL
...
$
```

2. Using the utility program **pagezoom**, to zoom the slides to the desired size. Pagezoom is a version of MVFX that multiples the size of the slides and all objects in those slides. However, for this to work properly, all slides and symbols in those slides *must* be converted to V1 slide format first.

NOTE This procedure will work only at HSQ Headquarters where the mvfx executable is stored. If it is desired to perform this operation at a remote site, the executable must first be copied to the local site tree.

```
$ set def $site:[executable]
$ copy 1100::sr:[local_tools.pagezoom]mvfx.exe_apx [*].exe
$ set def site$view:
$ pagezoom:==$site:[executable]mvfx.exe
$ pagezoom
Enter filename (XSLIDE, XSYMBOL,XLIBRY): XSYMBOL
...
$ pagezoom
Enter filename (XSLIDE, XSYMBOL,XLIBRY): XSLIDE
...
$
```

3. When the process is complete, delete the mvfx executable from the site tree.

```
$ del $site[executable]mvfx.exe;*
```

See **The pagezoom Utility** section in the this document for details of how this program works.

Determining the Slide Format Version

In order for the user to determine what version of slides they have, you can do one of the following two procedures.

- **Run XVFX.** (You must use MISER 6.05 or later.)

```
KODIAC$ xvfx:==$mnet$exe:xvfx
KODIAC$ xvfx -version
Please specify the database name: mnet$view:xslide
The Version is 1. (SEQUENTIAL)
```

or...

- Dump the database index and inspect byte 62. This byte is the low-order part of a short (two byte) integer that contains the version number. It should contain the value of 0 or 1, (or 2 if MISER 6.06 or later).

```
KODIAC$ dump/block=(count:1) mnet$view:xslide.ndx
Dump of file DKA100:[KOD.VIEW]XSLIDE.NDX;53 on 17-JUN-1998 18:11:26.62 File ID
(153153,2,0) End of file block 746 / Allocated 748
Virtual block number 1 (00000001), 512 (0200) bytes
00000000 00000000 00000000 00000000 24280000 00000000 00000000 0000174D M.....
00000100 00000000 00000000 00000000 00000000 00000000 00000000 00000000
.....
-----^
```

Below is a directory listing from the local MISERtree, showing the location of the **pagezoom** program and its contents. There are both Alpha (AXP), and VAX versions of the program. Rename the desired file an .EXE file to run the program.

The directory listing:

```
Directory _HSQMVA$DKA100:[LOCAL_TOOLS.PAGEZOOM]
CONTROL.BDF;1          1/17          2-NOV-1994 16:43:08.00
DESCRIP.MMS;3          2/17          20-MAY-1997 10:30:20.07
MVFX.C;19             106/119       20-MAY-1997 10:29:41.54
MVFX.EXE_AXP;1        83/85         17-JUN-1998 16:59:08.37
MVFX.EXE_VAX;1        44/51         17-JUN-1998 16:58:04.06
MVFX.H;2              28/34         20-APR-1995 17:26:22.00
MVFX_AXP.OPT;1        1/17          11-MAY-1994 16:31:24.00
MVFX_VAX.OPT;1        1/17          11-MAY-1994 16:31:23.00
OBJECTS.H;1           51/51         29-FEB-1996 12:06:46.65
VERSION.OPT;1         1/17          17-MAR-1994 15:19:09.00
YC.NOTE;1             1/17          19-JAN-1996 18:54:33.34
```

NOTE Both the Alpha and VAX version of this program use a zoom scale factor of two. If it is desired to have a different scaling factor, see **The pagezoom Utility** section below.

The pagezoom Utility

**The pagezoom program does not prompt for the zoom factor.
It must be hard-coded into the program which must then be re-built.**

The zoom factor in program **pagezoom** is set through variable **NewScale**. This variable has been set to a value of 2 in the MVFX programs compiled in the pagezoom directory. Note that this does *not* change the zoom factor of a page target destination slide.

To change the zoom factor of a page target destination slide, perform the following:

- Set **NewData->EType.Symbol.TType.PAGE.ZOOM = NewScale**
- Rebuild MVFX so that the executable reflects these changes.