MetaView

COLLABORATORS			
	TITLE : MetaView		
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1.2   requirement

```
- any Amiga
- OS 2.x (only tested with 3.0)
```

  - 1 MB RAM or better (more than 0.5 MB free ChipMem)
  - for Kick 3.x, the 'tabs.gadget' (included)
  - for Kick 3.1, maybe the new 'SetPatch' (included)

1.3   installation

  - doubleclick the install-icon.
or
  - copy the 'libs/amigametaformat.library' to 'libs:'
  - create the drawer 'libs:AMF/'
  - copy all files from 'libs/AMF/' to 'libs:AMF/'
  - copy from 'libs/gadgets/tabs.gadget' to 'sys:classes/gadgets/'
  - copy the executable "MetaView", where ever you want
  - remark the path to MetaView in 'envarc:MetaView.path', with 'echo "(MetaView ←↩
    path)/MetaView" >envarc:MetaView.path'
  and if you have:
  - copy the keyfile "keyfile.metaview" to the same directory like the executable

1.4   what is it

  Programm to view and convert
  * WMF files (also embeded in Windows(tm) CLP files)
  * AMF files
  * DXF files
  * DR2D files
  * XFIG files (version 3.0 or 3.1)
  * WPG files (version 1.0)
  * GEM files (work in progress, need more examples)
  * DSDR files (work in progress, no gradients, no pattern)
  * CGM files (work in progress, need more examples)
to
  * ILBM
  * AMF
  * CGM
  * GEM
  * DR2D
  * HPGL
  * EPS
  * AI
  * JMF
  * WMF

  There is also a menu item for open CDR-files, this is only for testing and
  can extract the preview picture. 'preview.bmp' can be found in 't:' dir.

1.5   shareware

                SHAREWARE:
  This MetaView are shareware. If you use this programm regulary you must pay
  30,- DM (20 $) to

me
. After this you get the newest version from MetaView
and the keyfile. Without the keyfile you can't save your pictures about
ARexx.
For bank account and my address, please look at the end of file.
The executable are freely distributable, only the keyfile "keyfile.metaview"
are not freely distributable without permission from me.
To get the newer versions from MetaView, bugfixes etc. please look at
"Aminet:gfx/conv/" or you send
me
a empty disk and a franked and filled
return envelop.

1.6 bugs

- Not all WMF-codes are supported, but the most WMF-files should work.

- In this version MetaView can't display and convert any included BitMaps!!!

- If you find a bug on startup and own Kick 3.1, please install the new
  SetPatch 43.5 and try again.

- If you find any other bug please feel free to send me a mail with the
  following dates:
  - your configuration
  - in which cases the bug appears
  - if there only appears on some gfx files, then please send me also the
    gfx files

I TAKE NO WARRANTLY FOR ANY DAMAGES ON YOUR SYSTEM!

1.7 start

This programm is startable from Workbench or CLI.
For start from Workbench just doubleclick the icon.
For start from CLI just type in the consolewindow 'MetaView'. You can
give some options:

- LOADNAME   the gfx-file to view

- SAVENAME   the gfx-file to save, for converting, if you have give a
               SAVENAME, then the program will not open the window to show
               the gfx-file.

- LOAD/K   force to load the gfx-file as
               AMF,WMF,CDR,DXF,DR2D,WPG,CLP,GEM,

               CGM,DSDR
               , if you dont use this option, the program look for
               the filetype alone.

```
      - SAVE/K        save the gfx-file as
                      AMF,EPS,CGM,GEM,WW,ILBM,AMF2,JMF,WMF
                       or PRT
                      AMF  - AmigaMetaFileFormat
                      AMF2 - AMF with previewpicture (* not yet *)
                      DR2D - Drawing 2D
                      JMF  - Java Metafile
                      WMF  - Windows Metafile
                      CGM  - Computer Graphics Metafile
                      GEM  - GEM Metafile
                      WW   - WordWorth-ARexx-script
                      EPS  - Encapsulated PostScript
                      AI   - Adobe Illustrator
                      ILBM - Interleaved Bitmap
                      HPGL - HP Graphics Language
                      PRT  - Printer
                      CLIP - copy to ClipBoard unit 0
      if you dont use this option, then you get AMF-files

   - WIDTH/K/N    for ILBM, CLIP and PRT the WIDTH of output (ILBM, CLIP -
                  pixels, PRT - mm)

   - HEIGHT/K/N   for ILBM, CLIP and PRT the HEIGHT

   - XOFF/K/N     for PRINTER the x-position in mm

   - YOFF/K/N     for PRINTER the y-position in mm

   - DEPTH/K/N    Depth for ILBM, CLIP and PRT output

   - ERRORS/S     writeout debug informations, make a big decrease of the speed
                  of fileparsing

   - NOPROP/S     no preserve picture-aspect

   - TRANSPARENT/S no drawing in background and set color 0 as transparent for
                   ILBM and CLIP output

   - NODISPLAY/S MetaView will not open a screen but only create a ARexxPort
                   for background operations

  the default options are:
    SAVE   = AMF
    WIDTH  = 640 (ILBM,CLIP) or 50 (PRT)
    HEIGHT = 400 (ILBM,CLIP) or 50 (PRT)
    XOFF   = 0
    YOFF   = 0
    DEPTH  = 4
```

1.8 arexx

```
              MetaView opens a ARexxPort based on the name "METAVIEW" a point  ←
                 "." and a
number starting at 0. So if you start MetaView once the ARexxPort name are
```

```
  "METAVIEW.0".
  Commands:
  - LOAD             load a gfx-file
      LOADNAME/A       name of gfx-file
      AS/K             force to load gfx-file as AMF,WMF,...
  - SAVE             save a gfx-file
      SAVENAME/A       name of gfx-file
      AS/K             save the gfx-file as
             AMF,EPS,GEM,CGM,HPGL,DR2D,WW,ILBM,JMF,WMF
                   WIDTH/K/N        pixel width for ILBM output
      HEIGHT/K/N       pixel height for ILBM output
      DEPTH/K/N        depth for ILBM output
  - PRINT            print a gfx-file
      XOFF/K/N         left offset in mm
      YOFF/K/N         right offset in mm
      WIDTH/K/N        width in mm
      HEIGHT/K/N       height in mm
      DEPTH/K/N        depth of printing
  - COPY             copy a gfx-file to clipboard (unit 0)
      WIDTH/K/N        pixel width
      HEIGHT/K/N       pixel height
      DEPTH/K/N        depth
  - SET              set some attributes
      PROP/S           preserve picture-aspect
      NOPROP/S         no preserve picture-aspect
      TRANSPARENT/S    background transparent
      NOTRANSPARENT/S  no transparent
  - REQUESTFILE      ask for a filename (in "result")
      PATH             initial filepath and -name
      TITLE/K          title of requester
      OK/K             string for ok-button
      PATTERN/K        string for pattern
  - REQUESTCHOICE    ask for options    (in "rc")
      TITLE/K          title of requester
      BODY/K           string for question
      BUTTONS/K        string for buttons (seperate with "|")
  - REQUEST          inform the user
      BODY/F           information string
  - QUIT             quit MetaView
```

Ther exist some ARexx-Scripts in the drawer "ARexx-Examples".

1.9 menu

```
                - Project
      - Open
              (look here for formate)
                    - Open as
          - AMF
          - WMF
          - CLP
          - DR2D
          - WPG
          - DXF
```

```
                    – FIG
                    – CDR
                    – DSDR
                    – GEM
                    – CGM
            – Save as
                        (look here for formate)
                                    – AMF
                 – AMF+PIC  /* not yet */
                 –
                        ILBM
                                    – EPS
                 – GEM
                 – CGM
                 – DR2D
                 – HPGL
                 – WW
                 – AI
                 – WMF
                 – JMF
            –
                    Print
                            – About
            – Quit
      – Other
          – Logo        – draw the start picture again
          – Info        – show some picture infos (type, size, version)
          – Copy        – copy to clipboard (unit 0)
      – Settings
          – Aspect      – preserve picture aspect (proportions) or not
          – Transparent – draw to background or not (importend for ILBM brush)
          –
                    Change...
                        – change screentype, –mode, –depth and defaultfonts
```

1.10   requesters

```
                – Print
      – you can set the print dimension either by numbers (mm) or by drawing
        a rectangle with the mouse (press leftmousebutton and drag)
      – you can set the depth of printing (from black and white to 256 colors)
      – you can suppress the paper ejecting
      – you can switch on a frame outside of picture
  – Save ILBM
      – you can set the picture dimension and the depth
      – the switch strip means, that the picture will be render in 9 stripes
        and saved to one ILBM to save ChipMem and allow big ILBM–Pictures
  – Change
                Settings...
                        – you can set either custom– or publicscreen
      – change the name of publicscreen
      – change the screenmode and –depth
      – set the defaultfonts (for serif, sans serif, deco, typewriter, script)
  – Substitute FONT
```

      – substitute the not existing font either with
        defaultfonts (serif, sans serif, ...) or a special font, selected now
      – press "USE" for using now or "INCLUDE" for including by save as other
        formats

1.11 preferences

– Settings saved in env:MetaView.prefs and envarc:MetaView.prefs as ASCII
  and can also edit separate

```
Defaults:
  SCREENMODE=$8004
  SCREENWIDTH=-1
  SCREENHEIGHT=-1
  SCREENDEPTH=4
  CUSTOMSCREEN=TRUE
  PUBLICSCREEN=Workbench
  SERIF_FONT=Times.font
  SANS_FONT=Helvetica.font
  TYPE_FONT=Courier.font
  SCRIPT_FONT=Times.font
  DECO_FONT=Times.font
  PRINT_DEVICE=printer.device
  PRINT_UNIT=0
```

1.12 formate

```
Format    Description

Save:

  AMF     Amiga MetaFile
          my own format, deviceindependent, fast and based on
          AmigaMetaFormat.library

  CGM     ComputerGraphicMetafile
          uses on Amiga (WordWorth, with colors), PC or UNIX

  GEM     uses on Amiga (WordWorth, no colors), PC or Atari

  EPS     Encapsulated PostScript
          uses on all Computersystems, can also printed on PSPrinters

  HPGL    Hewlett-Packard Graphics Language
          uses for Plotters

  DR2D    Drawing 2D
          uses on Amiga (PageStream, DrawStudio, ProVector etc.)

  ILBM    Interleaved BitMap
          uses on Amiga (DPaint etc.) but lost quality on sizeing
```

```
AI      Adobe Illustrator

WMF

JMF     Java MetaFile uses on the WWW, please
        look at my HomePage for more informations

Load:

AMF

WMF     Windows MetaFile
        uses on PC (many Clipart-CDs)

CLP     Clipboard
        uses for ClipBoard on PC (Windows)

WPG     Wordperfect Graphic
        uses on PC (WordPerfect), (some Clipart-CDs)

CDR     Corel Drawing
        uses on PC and also Macintosh (CorelDraw),
        but there is no information about this

DR2D

DXF     Drawing Exchange File
        uses on PC and UNIX (AutoCAD), (mostly CAD files)

FIG     uses on Amiga (AmiFIG or XFig) and UNIX (XFig)

DSDR    DrawStudio Drawing
        uses on Amiga (DrawStudio)

GEM

CGM
```

1.13 history

```
Version 2.3
  NEW
    - enhanced DXF Import
    - Export WMF
    - Export JMF
    - changeable printer.device and unit
    - change automatical the filename extension
    - Import DSDR
    - Import CGM
Version 2.2
  NEW
    - Import GEM, Export AI, prepared for WMF and JMF
    - ILBM-export and print are made with stripes for creating pictures
      larger than free chipmem (Geoffrey A. Gass, you want this)
```

```
                - zoom function (now you can better read your DXF-files :-)
    Version 2.1
      NEW and FIXED:
        - there was a bug in ILBM-export created in Version 2.0, now fixed
          (thanks to Jon Peterson)
        - include Version in Screentitle and Aboutwindow (also ARexxPort)
          (thanks to jon Peterson)
        - include ARexx-Examples
        - include 'tabs.gadget' and 'SetPatch' (© Amiga Technologie)
        - ignore comments on start of DXF files
        - faster DXF parsing if $EXTMIN/MAX present
        - WPG files with colors and switch top/down
          (thanks to Andreas Kleinert for WPG-example)
        - no exit if tabs.gadget not found
      CHANGES in 'amigametaformat.library'
        - complete dr2d.driver and hpgl.driver
    Version 2.0
      NEW:
        - change from pd to shareware
        - support Screenmode and PublicScreens
        - support transparent
        - many new Importformats
        - HPGL- and DR2D-export
      FIXED:
        - fixed bug in ILBM-export when width not a multiple from 16
          (thanx to MagicBox Inc.)
        - the long terrible bug, i hope, was not my fault, but an error on
          'mathieeesingbas.library' from Kick 3.1
        - fixed bug in ILBM-export for Kick 2.0
    Version 1.4
      NEW:
        - preserve picture-aspect
          thanks to Geoffrey A. Gass
        - enhanced ILBM-export
        - enhanced printing, also from CLI
      FIXED:
        - Installer-Bug,
          thanks to Geoffrey A. Gass
      CHANGES in 'amigametaformat.library'
        - please look at 'amigametaformat.readme'
    Version 1.3
      NEW:
        - CLI-Arguments
        - batchmode to convert many Cliparts (with s:dpat)
        - automatic gfxtype recognite
      FIXED:
        - Bug with ASL-Requester (mixing file- and pathname),
          thanks to Andreas Kleinert
        - No more 'unexpect End of File' if loading correct WMF,
          thanks to Harry W. Turner II and Geoffrey A. Gass
        - Better colors in WMF-files
      CHANGES in 'amigametaformat.library'
        - please look at 'amigametaformat.readme'
    Version 1.2
      Second public release, first within the AMF-Library.lha.
      NEW:
        - WMF-import
```

```
   CHANGES in 'amigametaformat.libary'
     - fix some bugs in CGM-driver with AMF_POLYGON and AMF_FILL_POLY
```

1.14 author

```
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Name of bank:       Berliner Sparkasse (Berlin, Germany)
Number of bank:     100 500 00
Number of account:  1744 037 104

Please fill out the following form and send it to me:

--------------- cut here -------------------------

Name:        _____

Address:     _____

             _____

Hometown:    _____

Country:     _____

EMail:       _____

Payment:  o Banktransfer (prefered)
          o Money (on your own risk!)
          o Check (payable to me)

Comment:     _____

             _____

--------------- cut here -------------------------
```

1.15 thanks

```
- to all peoples, that support the AMIGA
- to all peoples, that understand my bad english ;-)
- to my girlfriend and my rat ;-)
```

- to all peoples that mail or write me
- and last but not least to all peoples, that have register, thanx

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                   ARexx

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                     B

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                     C

                   CGM

                   CLI
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                   DR2D

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```
WMF

Workbench
```