
Installing IBM HourGlass from an FTP- downloaded Image

To install IBM HourGlass from an FTP downloaded image, you must:

1. Allocate five sequential files with the DCB attributes:
RECFM=FB,LRECL=80,BLKSIZE=3120,DSORG=PS.
2. Upload the four .BIN files to the mainframe using FTP in BINARY mode (do not use ASCII CRLF options).
3. Modify and run the following JCL to transform these files into partitioned datasets:

```
//RECEIVE EXEC PGM=IKJEFT01,REGION=6M
//SYSTSPRT DD SYSOUT=*
//SYSTEM DD SYSOUT=*
//SYSPRINT DD SYSOUT=*
//SYSUDUMP DD SYSOUT=*
//SYSUT1 DD UNIT=VIO,SPACE=(CYL,(1,1))
//SYSUT2 DD UNIT=VIO,SPACE=(CYL,(1,1))
//SYSUT3 DD UNIT=VIO,SPACE=(CYL,(1,1))
//SYSUT4 DD UNIT=VIO,SPACE=(CYL,(1,1))
//SYSTSIN DD *
RECEIVE INDSNAME('userid.hgload.bin')
DSNAME('HG52.LOADLIB') NEW SPACE(2 2) +
CYLINDERS UNIT(SYSDA) DIRECTORY(25)
RECEIVE INDSNAME('userid.hgsamp.bin')
DSNAME('HG52.SAMPLIB') NEW SPACE(2 2) +
CYLINDERS UNIT(SYSDA) DIRECTORY(25)
RECEIVE INDSNAME('userid.hgmod.bin')
DSNAME('HG52.MODLIB') NEW SPACE(2 2) +
CYLINDERS UNIT(SYSDA) DIRECTORY(25)
RECEIVE INDSNAME('userid.hgdbrm.bin')
DSNAME('HG52.DBRM') NEW SPACE(2 2) +
CYLINDERS UNIT(SYSDA) DIRECTORY(25)
RECEIVE INDSNAME('userid.hgdbrm.bin')
DSNAME('HG52.DBRM') NEW SPACE(2 2) +
CYLINDERS UNIT(SYSDA) DIRECTORY(25)
RECEIVE INDSNAME('userid.hgnotes.bin')
DSNAME('HG52.SHGNOTC') NEW SPACE(1 1) +
CYLINDERS UNIT(SYSDA) DIRECTORY(25)
/*
```

Installing IBM HourGlass from a Tape (3480)

The Tape has Standard Labels and contains five datasets.

HG52.LOADLIB

Executable form of HourGlass support modules.

HG52.SAMPLIB

Source members of examples and setup JCL.

HG52.MODLIB

JCL and PARM members to install interfaces to third-party products.

HG52.DBRMLIB

DBRM needed for the DB2 binds for HourGlass transaction programs, HGDL and HGDR.

HG52.SHGNOTC

License Agreement for IBM HourGlass.

To install IBM HourGlass from a tape, you must:

1. Download the libraries using the IBM IEBCOPY Utility.
2. Modify and run the following JCL to download the libraries:

```
//DOWNLOAD EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//INPUT01 DD DSN=HG52.LOADLIB,DISP=(OLD,PASS),UNIT=TAPE,VOL=(,RETAIN,SER=HG52),
// LABEL=(1,SL,EXPDT=98000)
//INPUT02 DD DSN=HG52.SAMPLIB,DISP=OLD,UNIT=TAPE,VOL=REF=*.INPUT01,
// LABEL=(2,SL,EXPDT=98000)
//INPUT03 DD DSN=HG52.MODLIB,DISP=OLD,UNIT=TAPE,VOL=REF=*.INPUT01,
// LABEL=(3,SL,EXPDT=98000)
//INPUT04 DD DSN=HG52.DBRLIB,DISP=OLD,UNIT=TAPE,VOL=REF=*.INPUT01,
// LABEL=(4,SL,EXPDT=98000)
//INPUT05 DD DSN=HG52.SHGNOTC,DISP=OLD,UNIT=TAPE,VOL=REF=*.INPUT01,
// LABEL=(5,SL,EXPDT=98000)
//OUTPUT01 DD DSN=your.load.library,DISP=(,CATLG),UNIT=SYSDA,SPACE=(CYL,(1,1,15)),
// DCB=(RECFM=U,LRECL=0,BLKSIZE=19069,DSORG=PO)
//OUTPUT02 DD DSN=your.sample.library,DISP=(,CATLG),UNIT=SYSDA,SPACE=(CYL,(1,1,25)),
// DCB=(RECFM=FB,LRECL=80,BLKSIZE=6080,DSORG=PO)
//OUTPUT03 DD DSN=your.modlib.library,DISP=(,CATLG),UNIT=SYSDA,SPACE=(CYL,(1,1,25)),
// DCB=(RECFM=FB,LRECL=80,BLKSIZE=6080,DSORG=PO)
//OUTPUT04 DD DSN=your.dbmrlib.library,ISP=(,CATLG),UNIT=SYSDA,SPACE=(CYL,(1,1,25)),
// DCB=(RECFM=FB,LRECL=80,BLKSIZE=3120,DSORG=PO)
//OUTPUT05 DD DSN=your.shgnotc.library,DISP=(,CATLG),UNIT=SYSDA,SPACE=(CYL,(1,1,3)),
// DCB=(RECFM=VB,LRECL=1000,BLKSIZE=27998,DSORG=PO)
//SYSUT3 DD UNIT=SYSDA,SPACE=(TRK,(1))
//SYSUT4 DD UNIT=SYSDA,SPACE=(TRK,(1))
//SYSIN DD *
COPY INDD=INPUT01,OUTDD=OUTPUT01
COPY INDD=INPUT02,OUTDD=OUTPUT02
COPY INDD=INPUT03,OUTDD=OUTPUT03
COPY INDD=INPUT04,OUTDD=OUTPUT04
COPY INDD=INPUT05,OUTDD=OUTPUT05
/*
//
```

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LC23-7764-00

