

# StarTool<sup>®</sup> FDM 7.8.2 Readme

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## General Information

This Readme file contains information you should know before you install or use StarTool FDM 7.8.2. Information that pertains only to FDM 7.8.2 is marked with change bars in the left margin.

The StarTool FDM 7.8.2 product contains the full version of the product only. Beginning with 7.8.2 the FDM.TLOD and FDM.TSRC libraries will no longer be shipped.

Changes have been made to shortcuts on local installed customer PC for the install, so that for example "Edit FTP Input" is now "FDM 7.8.2 - Edit FTP Input". The start menu location has changed from Serena to Micro Focus. Also the shipped RECEIVE file "RECEIVE.FDM782.JCL" is now "RECEIVE.V7R8M2.JCL" and no longer has FDM embedded in the dataset name.



**IMPORTANT!** Sites that are running z/OS 2.3 or z/OS 2.2 with z/OS 2.3 compatibility PTFs must apply FDM 7.8.2.

See "[Installation](#)" on [page 5](#) for instructions on installing StarTool FDM 7.8.2.

## Product Description

StarTool<sup>®</sup> FDM (File and Data Manager) is a multi-purpose file and data management utility for IBM mainframe systems. It provides an ISPF-based, menu-driven, integrated interface to a variety of file editors and data management tools for PDS, PDSE (V1 and V2), VSAM, sequential, extended sequential, direct-access, IMS, and Db2 files. A TSO command-line interface is supported concurrently, and bulk file updates in batch mode are also supported.

## Release Summary

See "[New Features in StarTool FDM 7.8.2](#)" on [page 3](#) for a list of the enhancements in StarTool FDM 7.8.2. See "[Fixes in FDM 7.8.2](#)" on [page 4](#) for a list of the defects that have been fixed in FDM 7.8.2.

## Licensing Considerations

License SERTificates from versions prior to FDM 7.7 are not compatible with StarTool FDM 7.8 and later releases.

To obtain the XML licensing key needed to make the software operational, please open an incident on the Micro Focus SupportLine website at:

<https://supportline.microfocus.com/>

As part of your request, please copy and paste your CPU information into the Support incident. To obtain the required CPU information, run the following command from the console on all LPARs hosting your product's software:

```
/D M=CPU
```

## Customer Care

- **Online Support** — The Micro Focus SupportLine website at <http://supportline.microfocus.com> provides an easy way for customers to manage their support cases, download software patches, or search the Knowledgebase for the latest technical information about our products at any time.
- A user ID and password are required to access the Micro Focus SupportLine website. To obtain a user ID and password, sign up online or contact Customer Care by email or telephone.
- **Telephone Support** — Telephone contact numbers for Customer Care are posted by region at the following URL:

<https://www.microfocus.com/serena/support/>

No user ID or password is needed to access Customer Care contact information.

- **Email Support** — Customers can send support requests by email to [customer care@microfocus.com](mailto:customer care@microfocus.com).
- **Authorized Support Representative** — Some support contracts specify that support calls will be centrally managed within the customer organization. This practice enables related issues to be aggregated across multiple customer sites or functional groups, and it ensures accountability for the satisfactory resolution of open issues. You should determine whether you have such a support contract before contacting Customer Care. If you do have such a contract, submit your support request to the designated support manager within your organization and arrange for that person to contact Customer Care.

## New Features in StarTool FDM 7.8.2

StarTool FDM 7.8.2 contains one new feature. (See "Fixes in FDM 7.8.2" on page 4 for a link to the defects that are fixed in FDM 7.8.2.)

### FDM now supports new COBOL compiler options for the HISTORY command.

COBOL v5 new compiler options:

[https://www.ibm.com/support/knowledgecenter/en/SS6SG3\\_5.2.0/com.ibm.cobol52.ent.doc/migrate/igymopt.html](https://www.ibm.com/support/knowledgecenter/en/SS6SG3_5.2.0/com.ibm.cobol52.ent.doc/migrate/igymopt.html)

COBOL v6 new compiler options:

[https://www.ibm.com/support/knowledgecenter/en/SSUFAU\\_1.0.0/com.ibm.ent.cbl.zos.doc/migrate/igymopt6.html](https://www.ibm.com/support/knowledgecenter/en/SSUFAU_1.0.0/com.ibm.ent.cbl.zos.doc/migrate/igymopt6.html)

The FDM panel only allows 8 characters for the COBOL compiler option. Here is a list of the compiler options that were added, and the full name for ones that had to be shortened.

The HISTORY command itself allows for a longer name, so some of these are over 8 characters, but they all have unique strings for the first 8 characters.

ALLOCATE/FREE	
COPYRIGHT/NOCOPYRIGHT	COPYRIGHT string specified/COPYRIGHT string not specified
INLINE/NOINLINE	
JSON/END-JSON	
NUMCHPAC/NUMCHPAC	NUMCHECK(PAC)/Not NUMCHECK(PAC)
NUMCHBIN/NUMCHBIN	NUMCHECK(BIN)/Not NUMCHECK(BIN)
NUMCHABD/NUMCHMSG	NUMCHECK(ABD)/NUMCHECK(MSG)
NMCHZALPHA/NONMCHZALPHA	NUMCHECK(ZONE(ALPHANUMERIC))/Not NUMCHECK(ZONE(ALPHANUMERIC))
NMCHZNOALPHA/NONMCHZNOAL	NUMCHECK(ZONE(NOALPHANUMERIC))/Not NUMCHECK(ZONE(NOALPHANUMERIC))
PARMCHK/NOPARMCHK	PARMCHECK/NOPARMCHECK
PARMCHKABD/PARMCHKMSG	PARMCHECK(ABD)/PARMCHECK(MSG) (If PARMCHECK is on)
QUALEXTEND/QUALCOMPAT	QUALIFY(EXTEND)/QUALIFY(COMPAT)
SERVICE/NOSERVICE	SERVICE string specified/SERVICE string not specified
SUPPRESS/NOSUPPRESS	SUPPRESS/NOSUPPRESS
SSRNGABD/SSRNGMSG	SSRANGE(ABD)/SSRANGE(MSG)
SSRNGZLEN/SSRNGNOZLEN	SSRANGE(ZLEN)/SSRANGE(NOZLEN)
SQLIMS/NOSQLIMS	
UTF-8/NOUTF-8	Program uses UTF-8 data
VOLATILE/NOVOLATILE	
VLRCOMPAT/VLRSTAND	VLR(COMPAT)/VLR(STANDARD)
ZONEDATMIG/NOZONEDATMIG	ZONEDATA(MIG)/Not ZONEDATA(MIG)
ZONDATNOPFD/NOZONDATNOPF	ZONEDATA(NOPFD)/Not ZONEDATA(NOPFD)

## Fixes in FDM 7.8.2

Click on the following link to access the list of defects that are fixed in FDM 7.8.2.

[http://knowledgebase.serena.com/InfoCenter/index?page=content&cat=STRFDM\\_7.8.2\\_RESOLVED&channel=DEFECTS](http://knowledgebase.serena.com/InfoCenter/index?page=content&cat=STRFDM_7.8.2_RESOLVED&channel=DEFECTS)

## New Features in Releases Prior to 7.8.2

**FDM 7.8.1.01** - see [S143103](#)

**FDM 7.8.1** - see [S143102](#)

**FDM 7.8.0.03** - see [S143101](#)

**FDM 7.8.0.02** - see [S143100](#)

**FDM 7.8.0.01** - see [S103099](#)

**FDM 7.8** - see [S143098](#)

## Fixes in Releases Prior to 7.8.2

**FDM 7.8.1.01** - see [http://knowledgebase.serena.com/InfoCenter/index?page=content&cat=STRFDM\\_7.8.1.01\\_RESOLVED&channel=DEFECTS](http://knowledgebase.serena.com/InfoCenter/index?page=content&cat=STRFDM_7.8.1.01_RESOLVED&channel=DEFECTS)

**FDM 7.8.1** - see [http://knowledgebase.serena.com/InfoCenter/index?page=content&cat=STRFDM\\_7.8.1\\_RESOLVED&channel=DEFECTS](http://knowledgebase.serena.com/InfoCenter/index?page=content&cat=STRFDM_7.8.1_RESOLVED&channel=DEFECTS)

**FDM 7.8.0.03** - see [http://knowledgebase.serena.com/InfoCenter/index?page=content&cat=STRFDM\\_7.8.0.03\\_RESOLVED&channel=DEFECTS](http://knowledgebase.serena.com/InfoCenter/index?page=content&cat=STRFDM_7.8.0.03_RESOLVED&channel=DEFECTS)

**FDM 7.8.0.02** - see [http://knowledgebase.serena.com/InfoCenter/index?page=content&cat=STRFDM\\_7.8.0.02\\_RESOLVED&channel=DEFECTS](http://knowledgebase.serena.com/InfoCenter/index?page=content&cat=STRFDM_7.8.0.02_RESOLVED&channel=DEFECTS)

**FDM 7.8.0.01** - see [http://knowledgebase.serena.com/InfoCenter/index?page=content&cat=STRFDM\\_7.8.0.01\\_RESOLVED&channel=DEFECTS](http://knowledgebase.serena.com/InfoCenter/index?page=content&cat=STRFDM_7.8.0.01_RESOLVED&channel=DEFECTS)

**FDM 7.8** - see [http://knowledgebase.serena.com/InfoCenter/index?page=content&cat=STRFDM\\_7.8\\_RESOLVED&channel=DEFECTS](http://knowledgebase.serena.com/InfoCenter/index?page=content&cat=STRFDM_7.8_RESOLVED&channel=DEFECTS)

## Installation

The FDM 7.8.2 product distribution files contain only the full product.



**IMPORTANT!** Sites that are running z/OS 2.3 or z/OS 2.2 with z/OS 2.3 compatibility PTFs must apply this FDM 7.8.2.

You can install FDM 7.8.2 by using one of two methods:

- Perform an IEBCOPY (non-SMP/E) install.
- Perform an SMP/E install.

Refer to the *FDM Installation Guide* for the steps to follow for each install method.

Be sure to reapply any customizations you may have made to your production FDM libraries after you install FDM 7.8.2.

## Software Compatibility

For a complete list of software requirements and product compatibility, refer to the Platform Matrix for StarTool FDM 7.8.2 at the following location on the Micro Focus SupportLine website:

<https://supportline.microfocus.com/prodavail.aspx>

## Known Issues

The following are known issues for StarTool FDM 7.8.2:

- PBROWSE does not support multi-volume files. Use PVIEW or PEDIT instead.
- VSAM linear data sets are limited by z/OS to a fixed CISIZE (Control Interval Size) of 4K. Attempts to use StarTool FDM with a linear data set of any other CISIZE results in an ABEND. This is a permanent restriction of the operating system, not a defect in StarTool FDM.
- The z/OS Binder issues an "internal binder error" when it encounters an object it doesn't recognize. When this happens, the binder returns an invalid number-of-ESD-entries value rather than an error code. This error can impact StarTool FDM. FDM customers should apply the IBM fix (APAR OW52128) to correct this error.
- IMS Version 8 macro libraries have been used to generate the PSBs and DBDs that are distributed with FDM 7.8.1.01. Newer versions of the IMS macro libraries may generate results not supported by FDM 7.8.1.01.
- REPRO'd aliases in a PDS do not display with MEMBERS command
- Option 3.4 LISTC not returning DATSET A.B.C when pattern A.B.C\*.\* is specified.
- Panel members PDSMENU, PDSMENUMS, and PDSMENUW of the FDM782.PANELS library show invalid characters WK after the version level, as follows:

```
LEVEL - 7.8.2 WK
```

Workaround:

These panels need to have:

```
&PDSLEVEL = 'wk'  
changed to  
&PDSLEVEL = 'GA'
```

This is a cosmetic issue that will be fixed in Defect DEF339247.

- The VMODEL command allows specification of IDCAMS DEFINE parameters for a KSDS. The PDSMODKS panel is the second panel. This panel has an invalid value for the OWNER field, which causes an invalid IDCAMS DEFINE command to be generated and the data set not to be allocated.

Workaround: Remove the unused positions (represented by dots) in the OWNER field or enter a valid value.

## Documentation Updates

StarTool FDM 7.7.1 manuals are distributed with FDM 7.8.2. Refer to “[New Features in StarTool FDM 7.8.2](#)” on [page 3](#) and subsequent sections for a description of new features in FDM 7.8.2.

### Accessing the Documentation

- All StarTool FDM documentation is provided in Adobe® Portable Document Format (PDF) and may be downloaded from the following Micro Focus website:

<https://www.microfocus.com/support-and-services/documentation/>

No user ID or password is needed to access the documentation.

- Adobe® Reader® is available for free download at <http://get.adobe.com/reader/>. Version 9 or higher is recommended.
- Additions and corrections to documentation can be issued after the product release date. Updated Readme files and user manuals are published with the rest of the documentation for the product release. Updated Readme files and user manuals are flagged with an **Updated** date in the file name or description.



**NOTE** Change bars in the left margin of StarTool FDM documentation identify substantive changes from the last published version, unless otherwise noted.

### Searching the Documentation

There is no cross-book index for the StarTool FDM documentation suite. You can use the Advanced Search facility in Adobe Reader to search all FDM manuals in the same or subordinate folders for information that you want.