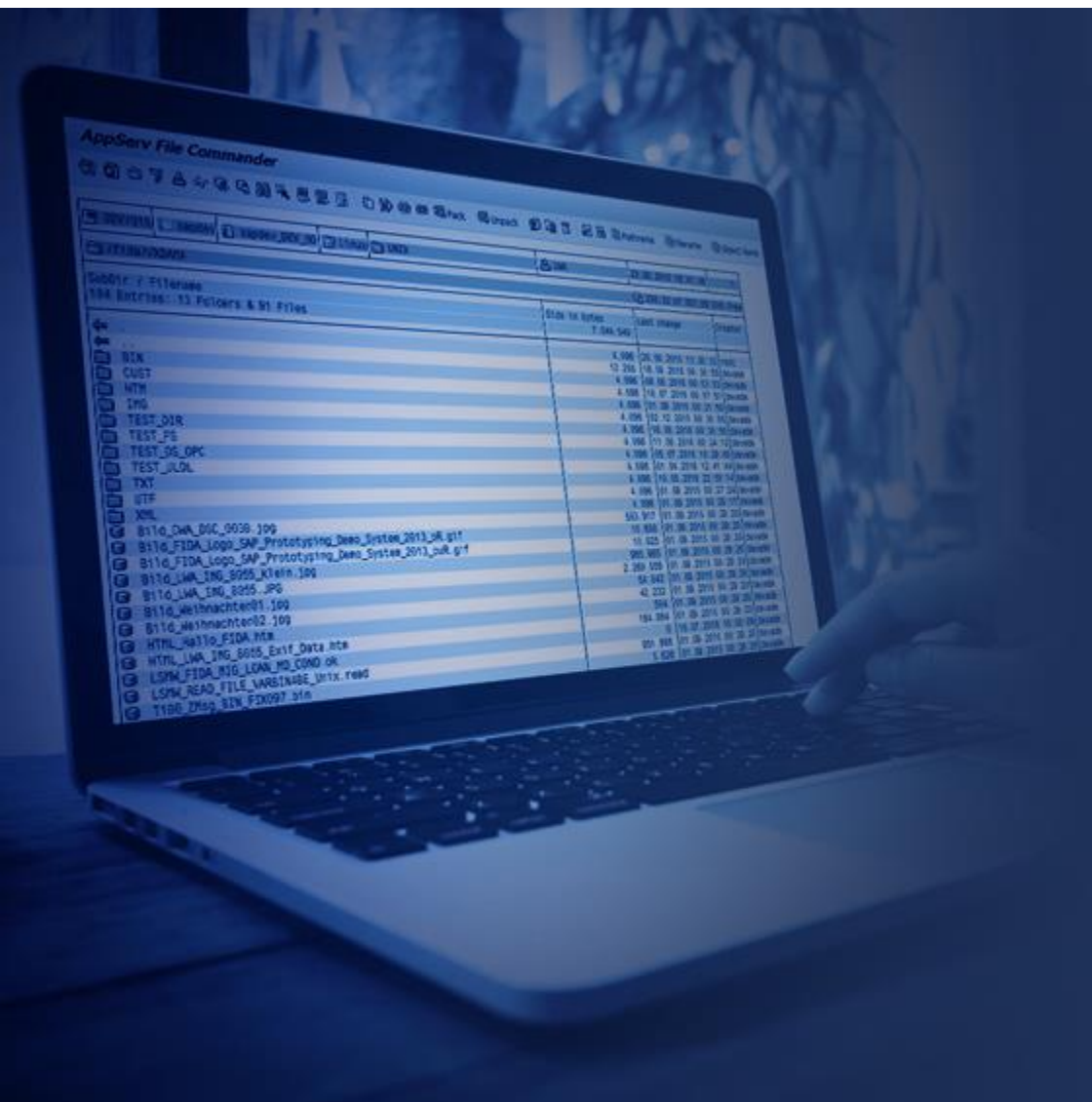


fida.bcfm

Basis Components File Management



Manage files
easily in the SAP
system with our
software solution
fida.bcfm

THE CHALLENGE

File-based data management still plays an important role in modern IT systems. Topics like mass data processing, migrations, file-based interfaces to external systems and data backups are major parts of enhanced SAP landscapes. Whereas SAP offers powerful languages and tools for data processing in relational databases, file-based data management is still very custom-defined. The SAP functionalities for selection, display and analysis of data files are very limited and outdated.

OUR SOLUTION

With **fidabcfm** an all-in-one solution was developed to support functionalities for file management, display and modification. It comes with a file viewer with an integrated script language and a file commander.



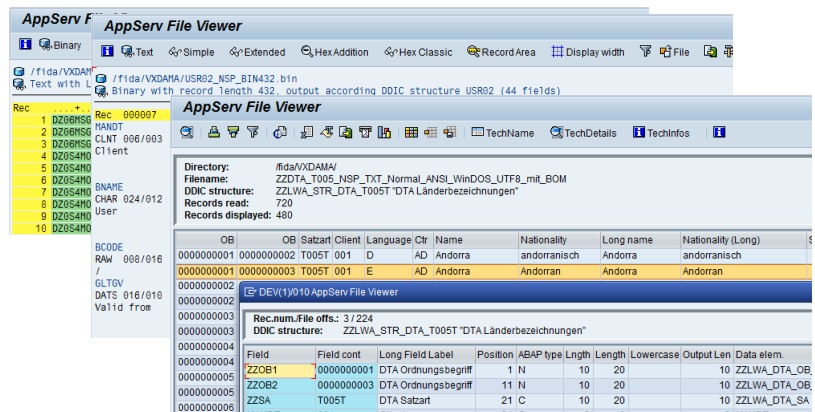
THE FUNCTIONALITY IN DETAIL

fidabcfm consists of two major parts: a File Viewer with enhanced capabilities for viewing data files and a File Commander for exploring and access the files on the application server. The file viewer comes with a build-in script language that gives the user the possibility to select and process the file content based on self-defined conditions.

File Viewer

The File Viewer was mainly designed for a technical oriented display of sequential files. It operates also as interpreter for the build-in script language.

- Automatic detection of the necessary read mode (text or binary)
- Supports several read modes for files:
 - ⇒ Text mode (with detection and display of trailing spaces)
 - ⇒ Binary mode with fixed or variable record length (2- or 4-Byte)

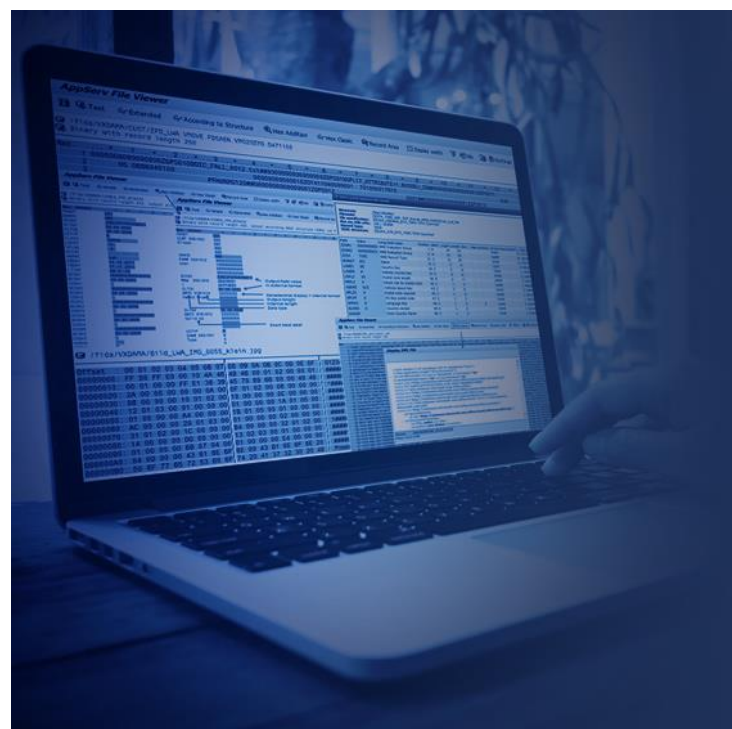


- Several display modes:
 - ⇒ Simple and enhanced display (ruler per record for field positions and listing of long records on several rows)
 - ⇒ Display as list, ALV-Grid or ALV-List
 - ⇒ Display of record offsets
 - ⇒ Structured display based on a definition in the DDIC or based on a manually created record structure
 - ⇒ Single field values as list or ALV-Grid with optional hex-values
 - ⇒ Additional display of hexadecimal values
 - ⇒ Setting of Endianness interpretation of numeric fields for binary files
- Optional display following predefined file specifications:
 - ⇒ Customizing of file specifications and association of logical filenames
 - ⇒ Automatic determination of file specifications
 - ⇒ Filtering by record number or record contents (text mode and/or hex mode)
 - ⇒ Display only the last records (especially for big files)
- Read files starting at a given offset
- Display with codepage conversion for text files and text fields in structured binary files
- Classical hexadecimal display of files
- Display picture, HTML and XML files with SAP controls

Script Language

The File Viewer comes with a build-in script language that provides the user the possibility to select and process the file records based on self-defined conditions. For recording of the script commandos a special editor is available.

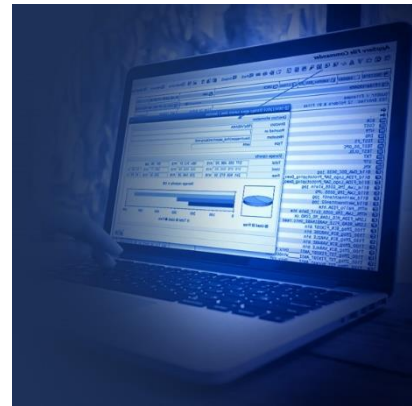
- Script modifications can be executed for all records or only records that fulfill certain conditions defined in the script
- Selected and modified records can be moved into a new file
- Complex definition and combination of conditional statements
- Counting of record numbers
- Determination of smallest and biggest record length
- Analysis of record and field content
- Summation of numeric record fields
- Modification of records and/or field values
- Skip or duplicate records
- Modification of EOL-flags (convert text files Windows <-> Unix)
- Byte-Order modifications (BO-Swap)



File Commander

With the File Commander the user can explore and access the files on the application server in a manner similar to Windows Explorer.

- Navigation in the file system of the SAP application server and listing of directory entries independent from the underlying operating system of the application server
- View the content with the File Viewer
- Customize and default certain viewing options
- Copy, rename and delete of files with automatic file naming for multiple files (search and replace name parts, addition of suffix or prefix, continuously numbering). All file operations come with special authority checks
- Up- and download of files between application and presentation server
- Create and delete directories
- Split of files in 3 modes: maximum file size, given number of files and maximum record-number (necessary for cut a file into packages for parallel processing)
- Merge of files
- Pack and unpack of files
- Shell emulation for entering operating system commandos directly
- Monitoring and display of the available disk/directory space
- Batch capabilities, for example for periodical monitoring/listing of directory entries



YOUR BENEFIT

- **Lower costs and less errors at migrations due to full support of file-based data exchange**
- **Easier management of file-based interfaces to third-party systems**
- **Quick and universal analysis of record structures and field values with the possibility for easy corrections**
- **Convert files between different operation systems and avoid data errors resulting from OS specific file specifications**
- **Easily create packages for parallel processing directly from the source files**
- **Get complete file support for SAP administration, developers and staff responsible for productive systems**

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**fida.bcfm is also available
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