

LocalODBC
Quick Guide

Spielberg
POWERED BY EFALIA

Disclaimer

Spielberg Solutions GmbH makes no representation or warranties with respect to the contents or use of this document and specifically disclaims any express or implied warranties of merchantability or fitness for any particular purpose. Further, Spielberg Solutions GmbH reserves the right to revise this publication and to make changes to its content, at any time, without obligation to notify any person or entity of such revisions or changes.

Further, Spielberg Solutions GmbH makes no representations or warranties with respect to any FileDirector software, and specifically disclaims any express or implied warranties of merchantability or fitness for any particular purpose. Further, Spielberg Solutions GmbH reserves the right to make changes to any or all parts of FileDirector software, at any time, without obligation to notify any person or entity of such changes.

Copyright

© 2023 Spielberg Solutions GmbH. All Rights Reserved.

No part of this document may be reproduced, transmitted or stored in any form or by any means, electronic or mechanical, for any purpose, without the express written permission of Spielberg Solutions GmbH.



FileDirector is a registered trademark of Spielberg Solutions GmbH.

Windows is a registered trademark of Microsoft Corporation in the United States and other countries.

Other product and company names mentioned herein may be trademarks of their respective owners.

Africa, Asia, Australia, Europe and USA

Spielberg Solutions GmbH
Obere Kaiserswerther Str. 17
D-47249 Duisburg
Germany
Email: info@spielberg.de
Web: www.spielberg.de

UK and Eire

Spielberg Solutions Ltd
Unit 11
Basepoint Business & Innovation Centre
Metcalf Way, Crawley
RH11 7XX, UK
Email: info@spielbergsolutions.com
Web: www.spielbergsolutions.co.uk

Software Licence Agreement

IMPORTANT: Read this agreement before installing FileDirector. By installing FileDirector you are deemed to agree to be bound by this agreement.

This licence agreement is a legal document between you and Spielberg Solutions GmbH. If you do not agree to the terms of this agreement return the software CD and accompanying documentation (the "Documentation") and other items to the place from where you obtained them for a refund before they are marked or damaged in any way.

In consideration of the right to use the Software you agree to abide by the terms and conditions of this agreement.

GRANT OF LICENCE

The Software consists of the software modules by:

Spielberg Solutions GmbH, a German public listed company having its place of business at Obere Kaiserswerther Str. 17, 47249 Duisburg, Germany ("Spielberg");

Microsoft Corp., a Washington Corporation having its place of business at 1 Microsoft Way, Redmond, WA 98052-6399, USA ("Microsoft");

MICROPLEX Trading GmbH, a German Company having its place of business at Leipziger Chaussee 191g, 06112 Halle, Germany ("Microplex");

Kofax Inc.., a Californian Company having its place of business at 15211 Laguna Canyon Road, Irvine, CA 92618-3146, USA ("Kofax;");

Developer Express Inc., a Nevada company having its place of business at 6340 Mcleod Dr. Suite1, Las Vegas, NV 89120, USA ("DevExpress");

Dell EMC Corporation, a Massachusetts company having its place of business at 176 South Street, Hopkinton, Massachusetts 01748, USA ("EMC");

Oracle Corporation, a Californian company having its place of business at 500 Oracle Parkway, M/S 5op7, Redwood Shores, California 94065, USA ("Oracle");

PDFTron Systems Inc., a British Columbia corporation, having offices at 838 West Hastings Street, Suite 500, Vancouver, British Columbia, V6C 0A6, Canada ("PDFTron").

The software consists also of Open Source modules, listed below:

Software, which is based in part on the work of the Independent JPEG Group.

Cryptographic software written by Eric Young (eay@cryptsoft.com).

It uses the FreeImage open source image library. See http://freeimage.sourceforge.net for details.

FreeImage is used under the FreeImage Public License (FIPL) version 1.0.

LibTIFF Copyright (c) 1988-1997 Sam Leffler

LibTIFF Copyright (c) 1991-1997 Silicon Graphics, Inc.

LibTIFF: Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that (i) the above copyright notices and this permission notice appear in all copies of the software and related documentation, and (ii) the names of Sam Leffler and Silicon Graphics may not be used in any advertising or publicity relating to the software without the specific, prior written permission of Sam Leffler and Silicon Graphics.

You understand and acknowledge that any software module included in the Software may have utility with or be able to be called by other software and/or hardware, which Spielberg considers to be an unauthorised use of the Software. Accordingly, you agree that you will use such software modules only as part of the Software and not in conjunction with, or as part of, or as a component of other software and/or hardware which makes calls to such software modules.

Spielberg grants you the personal non-exclusive rights:

For a single-user version of the Software, to install and use the Software for internal purposes only on a single computer (the Software is considered in use when it is installed in the temporary memory, i.e. RAM, or the permanent memory, i.e. Hard Disk Drive).

For a multi-user version of the Software, to install and use the Software for internal purposes only for the number of computers or simultaneous users identified in the Installation Configuration sheet of the Software package (for example, if you have purchased a 5-User licence you may install the Software for simultaneous use by up to 5 Users on a network).

BACKUP COPY

You may make whatever copies you deem appropriate from the FileDirector "delivery" Compact Disc, the Programs, Example Files and any other promotional material that may be included thereon. The Application Manual, or any part thereof, may be reproduced in sufficient quantity to support only the number of users licenced to you and no more. You must reproduce and include on the backup copy the copyright notice and other ownership or proprietary legends that are on the original copy of the Software.

You may NOT make or attempt to make any copy whatsoever of the FileDirector Licence. ANY ATTEMPT TO COPY, TRANSFER OR RESTORE THE LICENCE MAY CORRUPT THE ENABLING LICENCE. The Licence, once enabled, represents the full purchase value of the licence to use the FileDirector Software. The enabled Licence can be manipulated ONLY by the commands within the FileDirector application.

RESTRICTIONS

You may not market, distribute or transfer the Software or the Documentation to others, or electronically transfer the Software from one computer to another over a network except as expressly provided herein.

You may not de-compile, reverse engineer, disassemble or otherwise reduce the code of the Software to a human perceivable form.

You may not modify, adapt, translate, rent, lease or loan the Software or the Documentation or create derivative works based on the Software or the Documentation.

OWNERSHIP AND COPYRIGHT

Spielberg, Microsoft, Microplex, Kofax, DevExpress, PDFTron and Pixel reserve all rights to their respective software modules of the Software and the Documentation. The Software and the Documentation is copyrighted. Unauthorised copying of the Software, including portions thereof, or the Documentation is expressly forbidden.

EXPORT CONTROL

You agree that the Software and Documentation will not be shipped, transferred or exported into any country or used in any manner prohibited by the United States Export Administration Act or any other applicable export control laws, restrictions or regulations of the countries involved.

SUPPORT AND UPDATES

Spielberg, Spielberg's subsidiaries or affiliates, their distributors and dealers are not responsible for maintaining or helping you to use the Software and the Documentation, excepting where agreements have been entered into between specific parties, i.e. Spielberg: Distributor, Distributor: Dealer, Dealer: End User.

No updates, fixes or support will be made available for the Software and Documentation other than by publishing such revisions on the Spielberg web site: http://www.spielberg.de or http://www.filedirector.com

Any updates, fixes or support will be made available on the said web site solely at the discretion of Spielberg, who is under no obligation whatsoever so to do.

LIMITED WARRANTY AND DISCLAIMER OF INDEMNITY

Limited Warranty. The Software and documentation is provided "as is" without warranty of any kind, either express or implied, including, but not limited to implied warranties of merchantability and fitness for a particular purpose. The entire risk as to quality and performance of the Software and documentations is with you. Should the Software prove defective you (and not Spielberg, Spielberg's affiliates, their distributors or dealers) assume the entire cost of all necessary servicing, repair or correction. Some states or jurisdictions no not allow the exclusion of implied warranties, so the above exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary according to state or jurisdiction.

Spielberg, Spielberg's affiliates, their distributors and dealers do not warrant that the functions contained in the Software will meet your requirements or that the operation of the Software will meet your requirements or that the operation of the Software will be uninterrupted or error free.

However, Spielberg or Spielberg's affiliates warrants a compact disc or diskette on which the Software is stored to be free from defects in materials and workmanship under normal use for a period of ninety (90) days from the date you purchased the same, as evidenced by a receipt or otherwise. Some states or jurisdictions do not allow limitations on duration of an implied warranty, so the above limitation may not apply to you.

CUSTOMER REMEDIES

Spielberg's entire liability and your exclusive remedy shall be the replacement of the Compact Disc and/or Diskette not meeting the LIMITED WARRANTY and which is returned to Spielberg or Spielberg's marketing affiliate, Spielberg Solutions Limited, with a copy of your receipt or otherwise. The LIMITED WARRANTY is void if failure of the Compact Disc has resulted from accident, abuse or misapplication of the software.

No liability for consequential damages. In no event shall Spielberg, or Spielberg's affiliates, their distributors or dealers be liable for any damages whatsoever (including without limitation, direct or indirect damages for personal injury, loss of business profits, business interruption, loss of business information, or other consequential or incidental damages) arising out of the software, the use thereof or inability to use the software even if Spielberg, Spielberg's affiliates, their distributors or dealers has been advised of the possibility of such damages. Some states or jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, so the above limitation may not apply to you.

Disclaimer of indemnity. Spielberg, Spielberg's affiliates, their distributors and dealers shall have no obligation to indemnify you against any claim or suit brought to you by a third party alleging that the Software or the use thereof infringes any intellectual property of such third party.

TERM

This agreement is effective upon the installation of FileDirector Server and Client and remains in effect until terminated. You may terminate this agreement by destroying the Software and any copy thereof. This agreement will also terminate if you fail to comply with any of the terms of this agreement. In addition to Spielberg enforcing its legal rights, you must then promptly destroy the Software and any copy thereof.

ACKNOWLEDGEMENT

By selecting the 'Yes, I accept the agreement' option during the software installation process, you acknowledge that you have read this agreement, understand it and agree to be bound by its terms and conditions. You further agree that this agreement is the complete and exclusive statement of agreement between you and Spielberg concerning the subject matter hereof, which supersedes any proposals or prior agreements, oral or written, and any other communication between you and Spielberg relating to the subject matter hereof. No amendment to this agreement shall be effective unless signed by a duly authorised representative of Spielberg.

Should you have any questions concerning this agreement, or if you desire to contact Spielberg for any reason, please write to your authorised supplier requesting that they pass your correspondence to Spielberg Solutions GmbH.

Table of Contents

WinClient Plug-Ins 7

Installation of Plug-ins 7
Enable Plug-ins Toolbar 7
Plug-in Manager 7

LocalODBC 8

Overview 8
Setup User-DSN in Windows 8
Install LocalODBC 9
Configure LocalODBC 9
ODBC source 9
Connection string 9
Mapping 10
Search column 10
ODBC Link for Excel 10
ODBC link for a *.csv- file 11
Additional information for ODBC settings 11
3rd party ODBC driver 11

WinClient Plug-Ins

Plug-ins are additional features which can be added to the WinClient to perform specific functions that are not part of the standard WinClient, and that are not required by every installation, or workstation within an installation. Customized functions can also be developed to make the system more versatile for specific business requirements.

Installation of Plug-ins

To install a plug-in, the corresponding files have to be copied into the plug-ins directory of the WinClient application directory:

C:\Program files (x86)\Spielberg Solutions GmbH\FileDirector WinClient\PlugIns

Enable Plug-ins Toolbar

To use the plug-ins after installation, the features may need to be added to the toolbar. This can be done with the customization menu. If the user does not have rights to change the menu's the administrator must activate the plug-ins with the Client Configuration in FileDirector EnterpriseManager.

Plug-in Manager



Using the Plug-in manager, the installed plugins can be enabled or disabled. When disabled, they will not be available on the toolbar.

To open the manager, click on the toolbar icon. The installed plug-ins will be listed, with a tickbox beside each plug-in name showing whether it is enabled or not. When the box is ticked, the plug-in is enabled, and will be available on the toolbar.

You can enable or disable any of the listed plug-ins. Once changes have been made, press the ***OK*** button to save them. If any changes have been made you will be prompted to restart the WinClient for the changes to take effect.

Note
You may not have permissions to change the plug-ins settings, as these may have been configured by an administrator using Client Configuration. If this is the case, any plug-ins must be enabled or disabled by and administrator using EnterpriseManager.

LocalODBC

Overview



ODBC is an abbreviation for *Open Database Connectivity* and allows connecting via a standard interface to different data sources. Such data sources can be other databases, Excel tables or text files.

After connecting a FileDirector index field with a field from the data source, additional index can automatically be read from the database in order to complete the FileDirector index.

> *Note:*
> *The following characters cannot be used in the column names of an ODBC source:*
> , . ; + - # * ? = : blank < >

Setup User-DSN in Windows

To link a data source, select on the respective client: *Start* ⇨ *Control panel* ⇨ *Windows Administrative Tools* ⇨ *ODBC Data Sources (32-bit)*, then select the tab *User DSN*.

Important:

> *The* User-DSN *used for* LocalODBC *must be a* 32-bit User-DSN.

Click *Add* and select the type of data and click *Finish*. Now the relevant data source can be selected.

Ensure that the Windows user account has access rights for the ODBC source, if a driver is used that does not request user name and password.

> *Note:*
> *This is a generalised description of the configuration of several ODBC-Drivers, because the drivers are third party products and not included in FileDirector.*
> *If you have problems with these drivers, please contact the driver-manufacturer.*

Install LocalODBC

The complete folder must be copied to the plugin folder of FileDirector WinClient. The default path on a 64bit client OS is:

C:\Program files (x86)\Spielberg Solutions GmbH\FileDirector WinClient\PlugIns

Configure LocalODBC

If the data source is configured, it can be used for indexing in FileDirector WinClient, using the plug-in *FileDirector LocalODBC*.

Select the *LocalODBC* icon from *Plug-ins* and the plug-in opens in a separate window.



ODBC source

The drop-down menu *ODBC source* lists all *User-DSN*, existing on the respective client.

Under *ODBC table* specify the name of the database table from where index data should be read. The table names cannot be selected from a list, they must be known during configuration. If the table name is specified correctly, the field names of these tables are listed after hitting *Return,* in the section *ODBC Column*.

Connection string

In this line enter the connection string of the selected ODBC source.

Example:

DSN=value;

Mapping

Now the entries from the ODBC table can be connected with the relevant FileDirector index fields.

Mappings:

ODBC column	Index field	Search
Vendor	Vendor name	☐
Order_No	Order number	☐
Customer_No	Customer number	☐

Search column

In this column *ODBC AND* queries are set up.

Note that this is a trigger field, and is AND connected.

ODBC Link for Excel

To create an ODBC link in Excel you need a table (table1) which might be structured as follows:

1	Vendor.	Order_No	Customer_No
2	Spielberg	12345	112233

Create an ODBC source, select the ODBC driver for Excel and specify an ODBC Source name. Select *.xls file in this driver, which contains *table1*.

Configure the LocalODBC plug-in, as described above and specify the following settings in order to link the table:

ODBC-Source = ODBC-Source name

ODBC-Table = [table1$]

After hitting *Return* the columns of the Excel table should appear and can then be assigned.

Important:
Using Excel it is important to specify the table name with the $ character in brackets.

ODBC link for a *.csv- file

A *.csv-file is in principle a text file containing index data, separated by a semicolon. A *.csv-file can be exported e.g. from an Excel table. This would be similar to the following table. The first line contains the column name and the following ones contain the index data:

1	Client No.	Name	Location
2	12345	Spielberg	Duisburg

Please generate an ODBC source in the *User-DSN* first, as described earlier in this chapter.

Select the ODBC Microsoft text driver that can be used for CSV files and choose the folder which contains the CSV file. Open *Options >>* and remove the check before *Default (*.*)*.

Click on *Define text format* and choose the required file.

Now you can define different options as, for example the separators or whether the name of a column does exist in the first line.

After finishing the configuration of the ODBC Source of the *.csv –file configure the *LocalODBC* plug-in in FileDirector WinClient.

Assign the ODBC-Source and as a table the file name of the *.csv -file.

ODBC-Source = ODBC-Source name

ODBC-Table = odbc.csv

Confirming with *Return*, the columns of the *.csv –file will be shown and should be assignable.

Additional information for ODBC settings

3rd party ODBC driver

It is not guaranteed that FileDirector LocalODBC can work with every existing 3rd party ODBC driver and access the accordant data source. FileDirector uses the Microsoft standard and accesses the ODBC sources via it. FileDirector has no stake in the configuration of these ODBC drivers.