



# MBS Xojo Plugins

Christian Schmitz  
CEO  
**Monkeybread Software**

# MBS Xojo Products



**9 great products**

# MBS Xojo Products



## 9 great products

- ChartDirector Plugin

# MBS Xojo Products



## 9 great products

- ChartDirector Plugin
- DynaPDF Plugin

# MBS Xojo Products



## 9 great products

- ChartDirector Plugin
- DynaPDF Plugin
- SQL Plugin

# MBS Xojo Products



## 9 great products

- ChartDirector Plugin
- DynaPDF Plugin
- SQL Plugin
- Complete Plugin Set

# MBS Xojo Products



## 9 great products

- ChartDirector Plugin
- DynaPDF Plugin
- SQL Plugin
- Complete Plugin Set
- SQLite Extension

# MBS Xojo Products



## 9 great products

- ChartDirector Plugin
- DynaPDF Plugin
- SQL Plugin
- Complete Plugin Set
- SQLite Extension



# MBS Xojo Products



## 9 great products

- ChartDirector Plugin
- DynaPDF Plugin
- SQL Plugin
- Complete Plugin Set
- SQLite Extension

# MBS Xojo Products



## 9 great products

- ChartDirector Plugin
- DynaPDF Plugin
- SQL Plugin
- Complete Plugin Set
- SQLite Extension
- Updater Kit

# MBS Xojo Products



## 9 great products

- ChartDirector Plugin
- DynaPDF Plugin
- SQL Plugin
- Complete Plugin Set
- SQLite Extension
- Updater Kit
- Bug Reporter Kit

# MBS Xojo Products



## 9 great products

- ChartDirector Plugin
- DynaPDF Plugin
- SQL Plugin
- Complete Plugin Set
- SQLite Extension
- Updater Kit
- Bug Reporter Kit
- Web Starter Kit

# MBS Xojo Products



## 9 great products

- ChartDirector Plugin
- DynaPDF Plugin
- SQL Plugin
- Complete Plugin Set
- SQLite Extension
- Updater Kit
- Bug Reporter Kit
- Web Starter Kit
- SOAP Kit

# MBS ChartDirector Plugin



# MBS ChartDirector Plugin

- Professional charts in Xojo



# MBS ChartDirector Plugin



- Professional charts in Xojo
- 29 chart types including multi charts



# MBS ChartDirector Plugin



- Professional charts in Xojo
- 29 chart types including multi charts
- Per developer royalty free license for Mac OS X, Windows and Linux

# MBS ChartDirector Plugin



- Professional charts in Xojo
- 29 chart types including multi charts
- Per developer royalty free license for Mac OS X, Windows and Linux
- Full Unicode support

# MBS ChartDirector Plugin

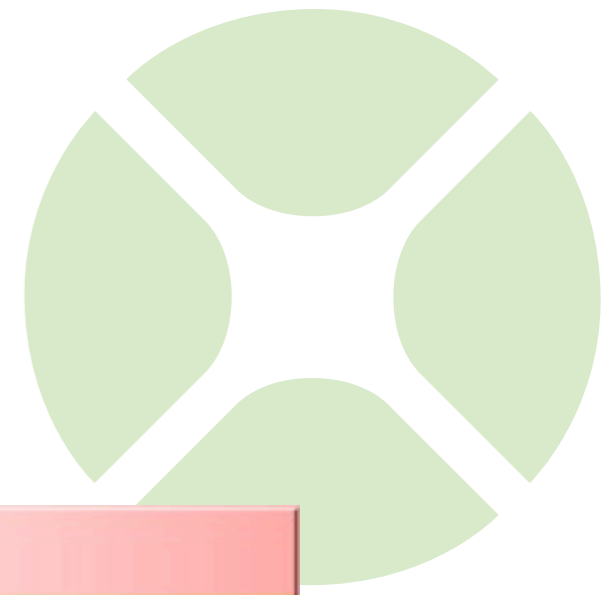


- Professional charts in Xojo
- 29 chart types including multi charts
- Per developer royalty free license for Mac OS X, Windows and Linux
- Full Unicode support
- Fast rendering & easy to use

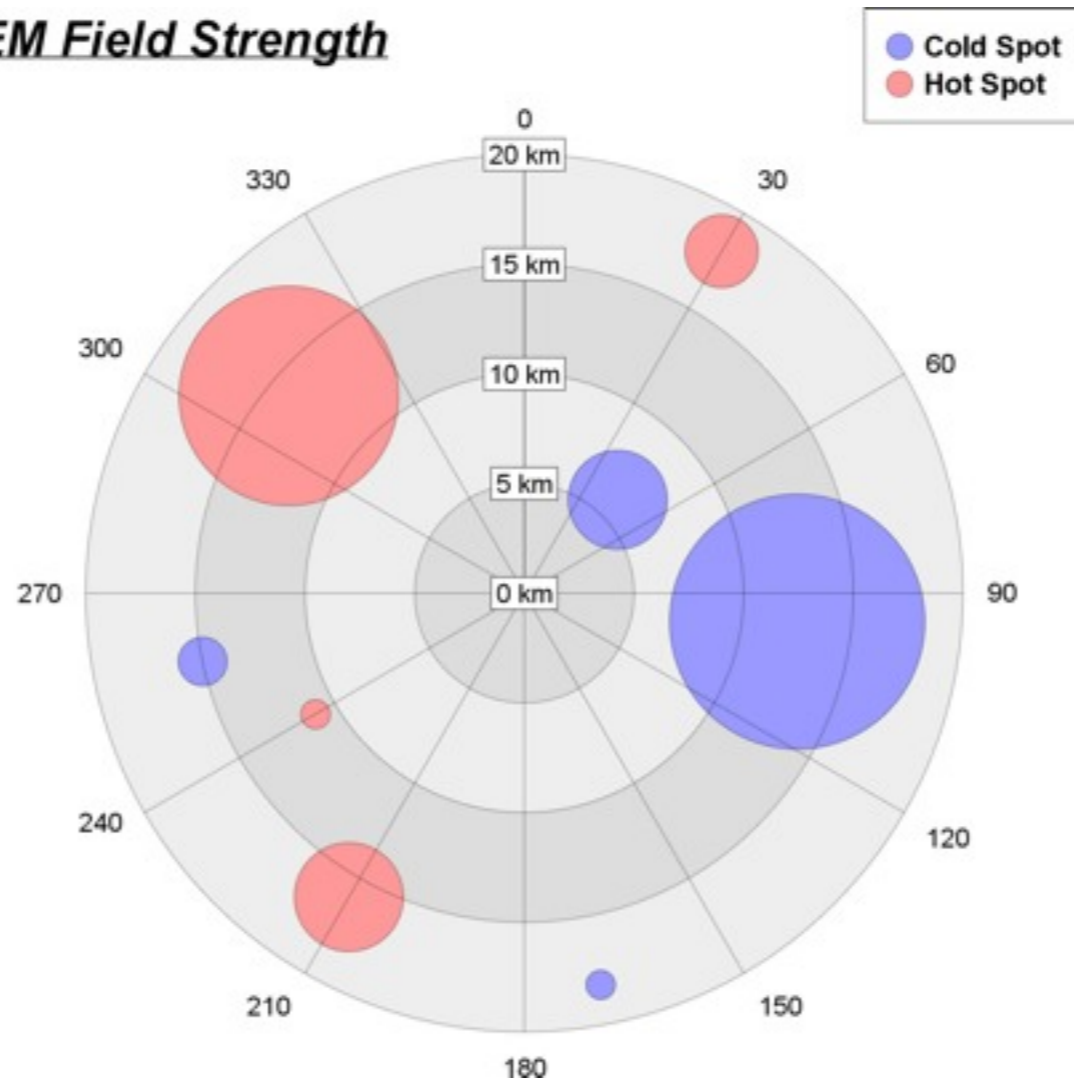
# MBS ChartDirector Plugin



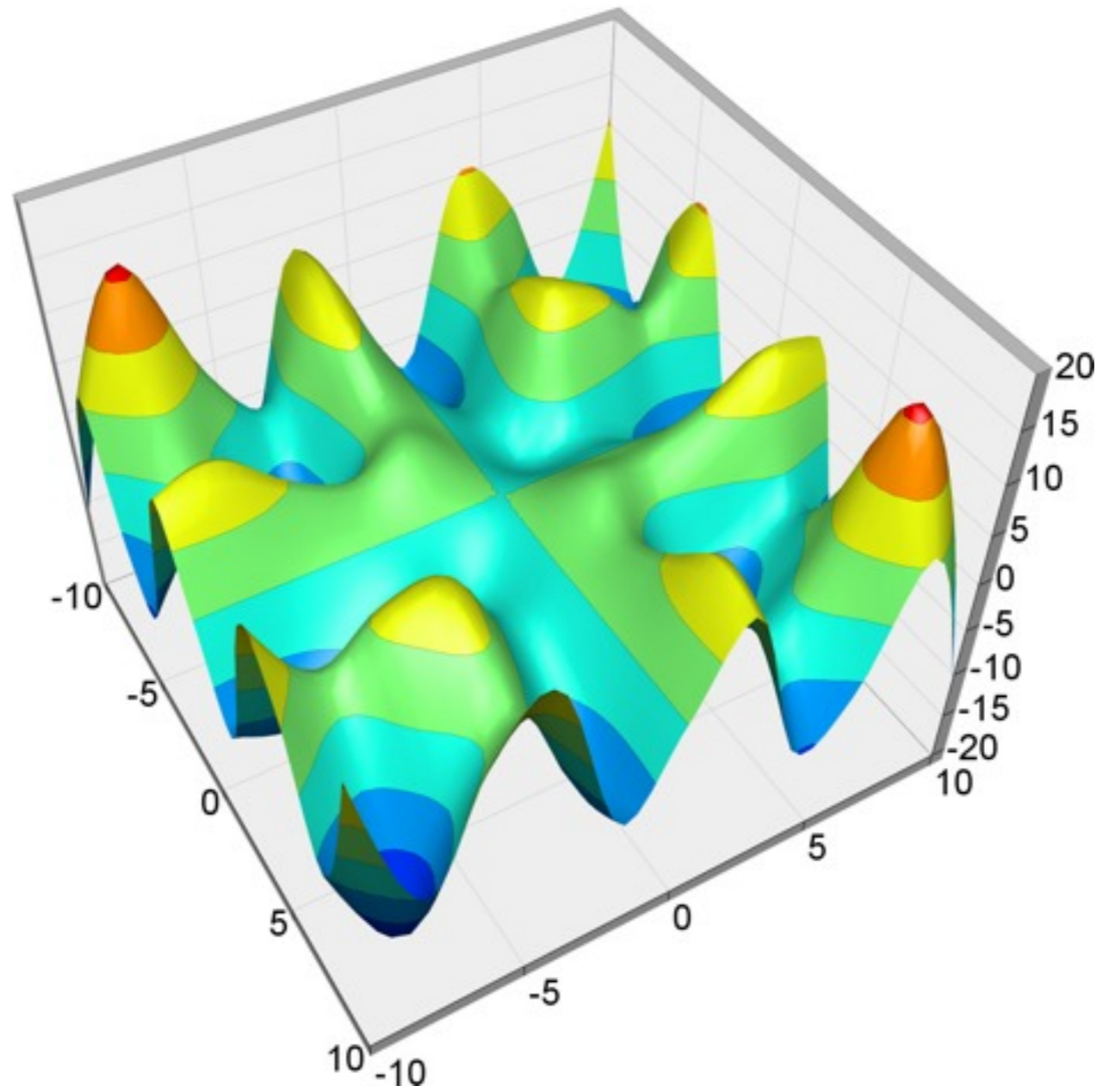
- Professional charts in Xojo
- 29 chart types including multi charts
- Per developer royalty free license for Mac OS X, Windows and Linux
- Full Unicode support
- Fast rendering & easy to use
- Controls for Web and Desktop



## ***EM Field Strength***

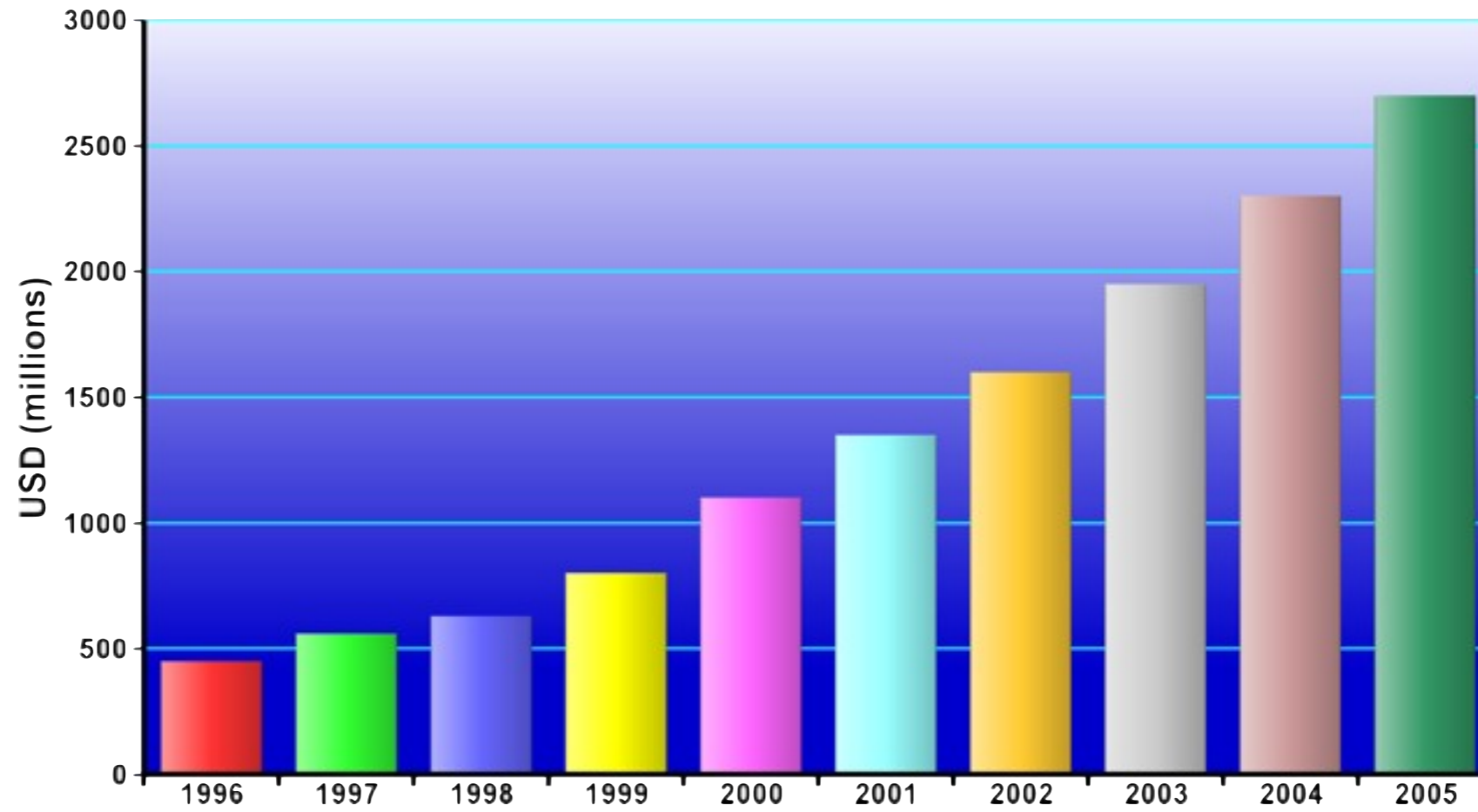


# 11 x 11 Points - Spline Fitted to 50 x 50 Smooth Shading



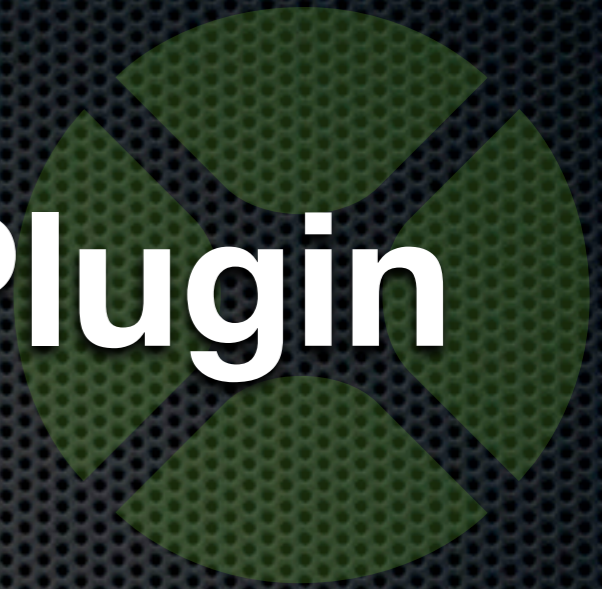


## *Annual Revenue for Star Tech*

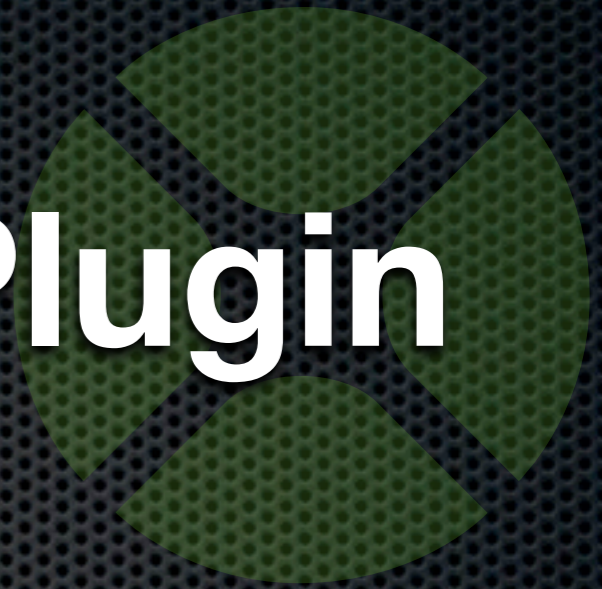




# MBS Xojo DynaPDF Plugin



# MBS Xojo DynaPDF Plugin



- Create, modify and import PDF files

# MBS Xojo DynaPDF Plugin



- Create, modify and import PDF files
- Create and fill forms

# MBS Xojo DynaPDF Plugin



- Create, modify and import PDF files
- Create and fill forms
- Encrypt and decrypt PDF files

# MBS Xojo DynaPDF Plugin



- Create, modify and import PDF files
- Create and fill forms
- Encrypt and decrypt PDF files
- Extract text and pictures

# MBS Xojo DynaPDF Plugin



- Create, modify and import PDF files
- Create and fill forms
- Encrypt and decrypt PDF files
- Extract text and pictures
- Raster PDF files to pictures

# MBS Xojo DynaPDF Plugin



- Create, modify and import PDF files
- Create and fill forms
- Encrypt and decrypt PDF files
- Extract text and pictures
- Raster PDF files to pictures
- Royalty free license

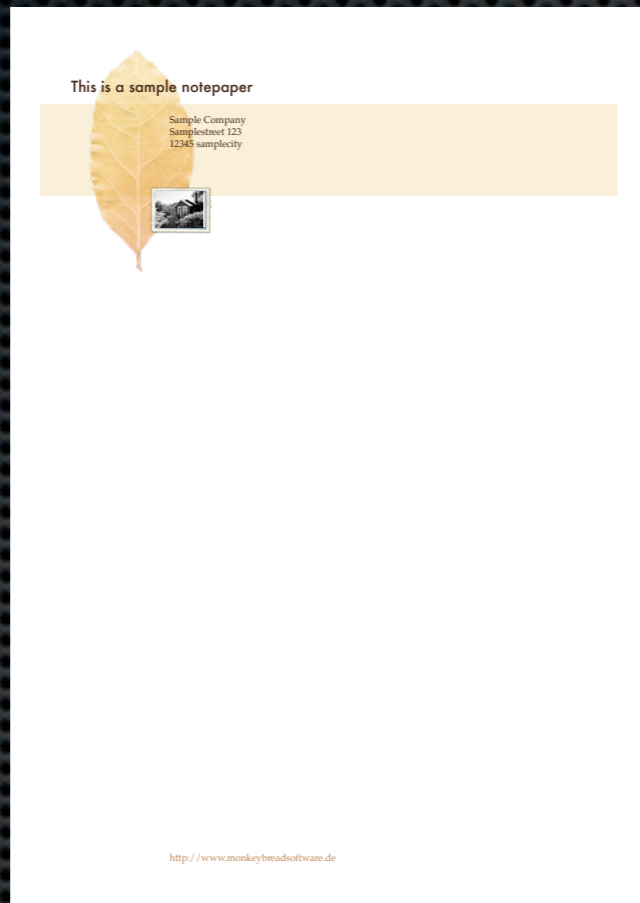
# MBS Xojo DynaPDF Plugin



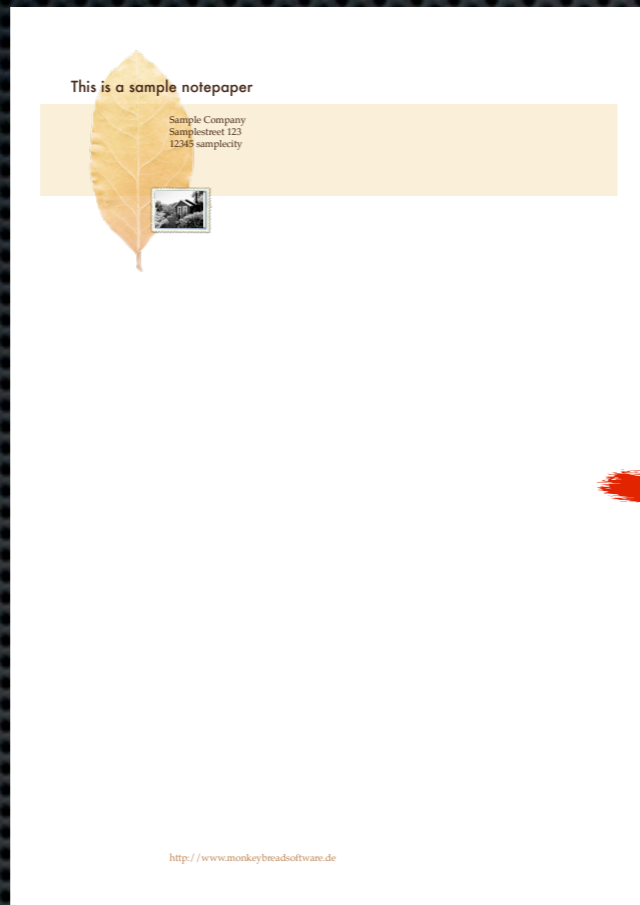
- Create, modify and import PDF files
- Create and fill forms
- Encrypt and decrypt PDF files
- Extract text and pictures
- Raster PDF files to pictures
- Royalty free license
- Starter, Lite, Pro and Enterprise Editions.



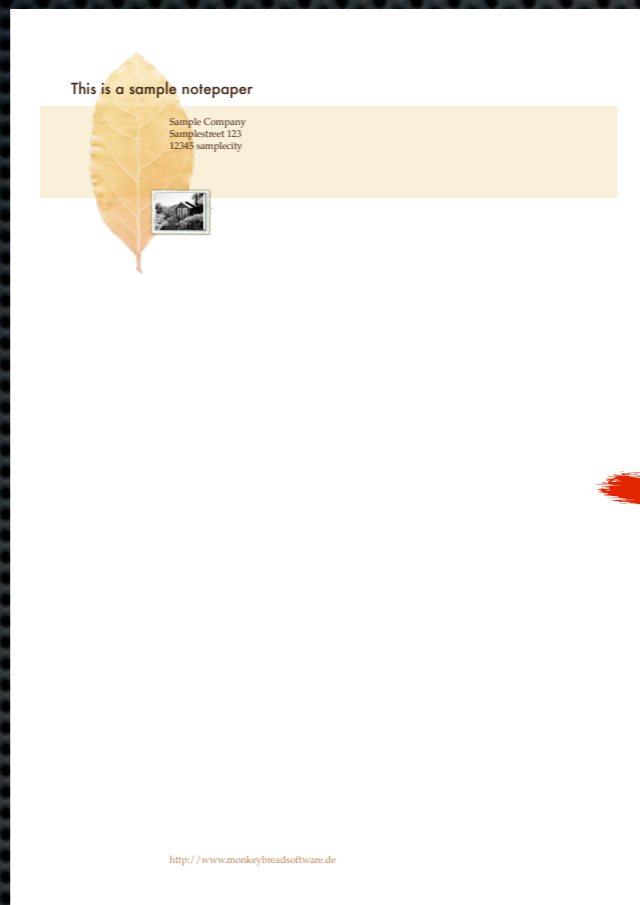
# Use of PDF Letter paper



# Use of PDF Letter paper



# Use of PDF Letter paper



# DynaPDF with Table



# DynaPDF with Table



- Create PDFs with tables

# DynaPDF with Table



- Create PDFs with tables
- Build Layout using tables for reports and invoices

# DynaPDF with Table



- Create PDFs with tables
- Build Layout using tables for reports and invoices
- Style cells and text

# DynaPDF with Table



- Create PDFs with tables
- Build Layout using tables for reports and invoices
- Style cells and text
- Put same table object on multiple PDFs



# DynaPDF with Table



- Create PDFs with tables
- Build Layout using tables for reports and invoices
- Style cells and text
- Put same table object on multiple PDFs
- Format text, add front picture

# DynaPDF with Table



- Create PDFs with tables
- Build Layout using tables for reports and invoices
- Style cells and text
- Put same table object on multiple PDFs
- Format text, add front picture
- Embed picture in cells and have text flows around pictures

# DynaPDF with Table



- Create PDFs with tables
- Build Layout using tables for reports and invoices
- Style cells and text
- Put same table object on multiple PDFs
- Format text, add front picture
- Embed picture in cells and have text flows around pictures
- Multi page support coming **today**.

# DynaPDF with Table



- **Demo**
- 1000 Invoices with multipage tables

# MBS SQL Plugin



# MBS SQL Plugin



- Cross platform database plugin

# MBS SQL Plugin



- Cross platform database plugin
- Alternative to built-in database plugins

# MBS SQL Plugin



- Cross platform database plugin
- Alternative to built-in database plugins
- Two interfaces:  
SQLConnectionMBS directly &  
SQLDatabaseMBS with Database/RecordSet classes



# MBS SQL Plugin



- Cross platform database plugin
- Alternative to built-in database plugins
- Two interfaces:  
SQLConnectionMBS directly &  
SQLDatabaseMBS with Database/RecordSet classes
- Connect to Oracle, Microsoft SQL Server, DB2, Sybase, Informix, SQLite, InterBase, SQLBase, MySQL, PostgreSQL and ODBC.

# MBS SQL Plugin



- Cross platform database plugin
- Alternative to built-in database plugins
- Two interfaces:  
SQLConnectionMBS directly &  
SQLDatabaseMBS with Database/RecordSet classes
- Connect to Oracle, Microsoft SQL Server, DB2, Sybase, Informix, SQLite, InterBase, SQLBase, MySQL, PostgreSQL and ODBC.
- SQL Anywhere

# MBS Complete Plugin Set

- ✘ Audio
- ✘ CanonEOSDigital
- ✘ Cocoa
- ✘ CocoaBase
- ✘ CocoaExtras
- ✘ Compression
- ✘ ComputerControl
- ✘ Controls
- ✘ CUPS
- ✘ CURL
- ✘ DataTypes
- ✘ DirectShow
- ✘ Dongle
- ✘ EyeOne
- ✘ GIF
- ✘ GraphicsMagick
- ✘ ImageMagick
- ✘ Java
- ✘ JPEG
- ✘ LargePicture
- ✘ LCMS
- ✘ LCMS2
- ✘ Leopard
- ✘ Linux
- ✘ Lion
- ✘ Mac
- ✘ MacOSX
- ✘ MacOSXCF
- ✘ MacOSXCG
- ✘ Main
- ✘ MountainLion
- ✘ Network
- ✘ NikonCamera
- ✘ OCR
- ✘ Overlay
- ✘ PHP
- ✘ Picture
- ✘ PNG
- ✘ QTKit
- ✘ QuickTime
- ✘ RegEx
- ✘ SnowLeopard
- ✘ Tidy
- ✘ Tiff
- ✘ Twain
- ✘ USB
- ✘ Util
- ✘ VLC
- ✘ WIA
- ✘ Win
- ✘ WinDragDrop
- ✘ WinICM
- ✘ XL
- ✘ XMP



# MBS Complete Plugin Set

- Audio
- CanonEOSDigital
- Cocoa
- CocoaBase
- CocoaExtras
- Compression
- ComputerControl
- Controls
- CUPS
- CURL
- DataTypes
- DirectShow
- Dongle
- EyeOne
- GIF
- GraphicsMagick
- ImageMagick
- Java
- JPEG
- LargePicture
- LCMS
- LCMS2
- Leopard
- Linux
- Lion
- Mac
- MacOSX
- MacOSXCF
- MacOSXCG
- Main
- MountainLion
- Network
- NikonCamera
- OCR
- Overlay
- PHP
- Picture
- PNG
- QTKit
- QuickTime
- RegEx
- So/Lecoburn
- Tidy
- Tiff
- Twain
- USB
- Util
- VLC
- WIA
- Win
- WinDragDrop
- WinICM
- XL
- XMP

**54 Plugins in one Package**



# Highlights



# Highlights



- Image formats: Tiff, PNG, JPEG, Gif and others with access to metadata like ICC Profiles

# Highlights



- Image formats: Tiff, PNG, JPEG, Gif and others with access to metadata like ICC Profiles
- Audio & MIDI: Crossplatform and Mac/Windows

# Highlights



- Image formats: Tiff, PNG, JPEG, Gif and others with access to metadata like ICC Profiles
- Audio & MIDI: Crossplatform and Mac/Windows
- CURL for up/downloads using ftp, ftps, sftp, http, https and others.



# Highlights



- Image formats: Tiff, PNG, JPEG, Gif and others with access to metadata like ICC Profiles
- Audio & MIDI: Crossplatform and Mac/Windows
- CURL for up/downloads using ftp, ftps, sftp, http, https and others.
- Quicktime movies

# Highlights



- Image formats: Tiff, PNG, JPEG, Gif and others with access to metadata like ICC Profiles
- Audio & MIDI: Crossplatform and Mac/Windows
- CURL for up/downloads using ftp, ftps, sftp, http, https and others.
- Quicktime movies
- Mac OS X and Windows specific features

# New in 13.0



# New in 13.0



- Localization: FormatMBS, CDbIMBS & LocalMBS

# New in 13.0



- Localization: FormatMBS, CDbIMBS & LocalMBS
- GameKit updated

# New in 13.0



- Localization: FormatMBS, CDbIMBS & LocalMBS
- GameKit updated
- UUID creation & validation

# New in 13.0



- Localization: FormatMBS, CDbIMBS & LocalMBS
- GameKit updated
- UUID creation & validation
- SQL Plugin improvements

# New in 13.0



- Localization: FormatMBS, CDbIMBS & LocalMBS
- GameKit updated
- UUID creation & validation
- SQL Plugin improvements
- Improved Twain plugin



# New in 13.0



- Localization: FormatMBS, CDbIMBS & LocalMBS
- GameKit updated
- UUID creation & validation
- SQL Plugin improvements
- Improved Twain plugin
- SHA3MBS hash

# New in 13.1



# New in 13.1

- New CoreImage Filters



# New in 13.1

- New CoreImage Filters
- RegEx improvements



# New in 13.1

- New CoreImage Filters
- RegEx improvements
- More MT functions



# New in 13.1

- New CoreImage Filters
- RegEx improvements
- More MT functions
- Improved Java Database classes



# New in 13.1

- New CoreImage Filters
- RegEx improvements
- More MT functions
- Improved Java Database classes
- Changed required for Xojo



# New in 13.1



- New CoreImage Filters
- RegEx improvements
- More MT functions
- Improved Java Database classes
- Changed required for Xojo
- New Keychain classes



# New in 13.1



- New CoreImage Filters
- RegEx improvements
- More MT functions
- Improved Java Database classes
- Changed required for Xojo
- New Keychain classes
- New NikonCamera Plugin

# New in 13.2



# New in 13.2

- New AVFoundation Plugin



# New in 13.2

- New AVFoundation Plugin
- IOPMAssertionMBS class



# New in 13.2

- New AVFoundation Plugin
- IOPMAssertionMBS class
- SQLiteDatabaseMBS.LastStatement



# New in 13.2



- New AVFoundation Plugin
- IOPMAssertionMBS class
- SQLiteDatabaseMBS.LastStatement
- NSEExceptionHandlerMBS class

# New in 13.2



- New AVFoundation Plugin
- IOPMAssertionMBS class
- SQLiteDatabaseMBS.LastStatement
- NSExceptionHandlerMBS class
- NSButtonControlMBS control

# AVFoundation





# AVFoundation

- Came with 13.2 plugin



# AVFoundation



- Came with 13.2 plugin
- New 32+64 bit movie editing classes

# AVFoundation



- Came with 13.2 plugin
- New 32+64 bit movie editing classes
- for Mac OS X 10.7/10.8

# AVFoundation



- Came with 13.2 plugin
- New 32+64 bit movie editing classes
- for Mac OS X 10.7/10.8
- Replacement for QuickTime & QTKit Plugins

# AVFoundation



- Came with 13.2 plugin
- New 32+64 bit movie editing classes
- for Mac OS X 10.7/10.8
- Replacement for QuickTime & QTKit Plugins
- With Multi Core support!

# AVFoundation Features



# AVFoundation Features



- Play Audio & Video

# AVFoundation Features



- Play Audio & Video
- Streaming



# AVFoundation Features



- Play Audio & Video
- Streaming
- Create video from pictures

# AVFoundation Features



- Play Audio & Video
- Streaming
- Create video from pictures
- Record Audio & Video

# AVFoundation Features



- Play Audio & Video
- Streaming
- Create video from pictures
- Record Audio & Video
- Query, set and change meta data

# AVFoundation Features



- Play Audio & Video
- Streaming
- Create video from pictures
- Record Audio & Video
- Query, set and change meta data
- Import & Export

# AVFoundation Features



- **Demo**

# LCMS and JPEG example



- **Load JPEG Images**
- **RGB, CMYK and Grayscale**
- **with ICC Profiles**
- **Demo**

# 64 bit support



# 64 bit support

- Big project





# 64 bit support

- Big project
- Coming for Xojo later in 2014



# 64 bit support



- Big project
- Coming for Xojo later in 2014
- 48 plugins compile already, 12 to do

# 64 bit support



- Big project
- Coming for Xojo later in 2014
- 48 plugins compile already, 12 to do
- Verified types

# 64 bit support



- Big project
- Coming for Xojo later in 2014
- 48 plugins compile already, 12 to do
- Verified types
- Not going 64bit: QuickTime & most Carbon Classes

# Web Starter Kit 1.0



# Web Starter Kit 1.0



- A start for your new Web App

# Web Starter Kit 1.0



- A start for your new Web App
- User Management & Login

# Web Starter Kit 1.0



- A start for your new Web App
- User Management & Login
- Sessions, System Information



# Web Starter Kit 1.0



- A start for your new Web App
- User Management & Login
- Sessions, System Information
- Bugreporter and browser built in

# Web Starter Kit 1.0



- A start for your new Web App
- User Management & Login
- Sessions, System Information
- Bugreporter and browser built in
- Memory inspector

# Web Starter Kit 1.0



- A start for your new Web App
- User Management & Login
- Sessions, System Information
- Bugreporter and browser built in
- Memory inspector
- SQL Console

# Web Starter Kit 1.0



- A start for your new Web App
- User Management & Login
- Sessions, System Information
- Bugreporter and browser built in
- Memory inspector
- SQL Console
- Demo

# Web Signature Kit



# Web Signature Kit



- Signature Control

# Web Signature Kit



- Signature Control
- Take signatures, little drawings

# Web Signature Kit



- Signature Control
- Take signatures, little drawings
- Customize



# Web Signature Kit



- Signature Control
- Take signatures, little drawings
- Customize
- JPEG/PNG data

# Web Signature Kit



- Signature Control
- Take signatures, little drawings
- Customize
- JPEG/PNG data
- Demo

# Web Signature Kit



- Signature Control
- Take signatures, little drawings
- Customize
- JPEG/PNG data
- Demo
- Coming with Web Starter Kit update soon

# Updater Kit 1.5



# Updater Kit 1.5



- Update engine for Mac OS X and Windows.

# Updater Kit 1.5



- Update engine for Mac OS X and Windows.
- Full Source code access.

# Updater Kit 1.5



- Update engine for Mac OS X and Windows.
- Full Source code access.
- Secured with checksums

# Updater Kit 1.5



- Update engine for Mac OS X and Windows.
- Full Source code access.
- Secured with checksums
- Includes Build Action



# Bug Reporter Kit 1.5



# Bug Reporter Kit 1.5



- Automated Bug Reporting

# Bug Reporter Kit 1.5



- Automated Bug Reporting
- Mac, Windows and Linux

# Bug Reporter Kit 1.5



- Automated Bug Reporting
- Mac, Windows and Linux
- Catches Xojo Exceptions, Signals and C++ exceptions

# Bug Reporter Kit 1.5



- Automated Bug Reporting
- Mac, Windows and Linux
- Catches Xojo Exceptions, Signals and C++ exceptions
- Localized for English, German and Italian.

# Bug Reporter Kit 1.5



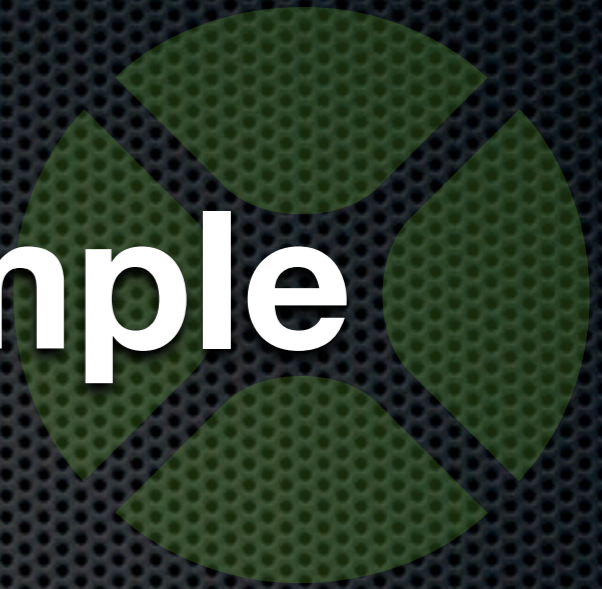
- Automated Bug Reporting
- Mac, Windows and Linux
- Catches Xojo Exceptions, Signals and C++ exceptions
- Localized for English, German and Italian.
- Full Source code access.

# Bug Reporter Kit 1.5



- Automated Bug Reporting
- Mac, Windows and Linux
- Catches Xojo Exceptions, Signals and C++ exceptions
- Localized for English, German and Italian.
- Full Source code access.
- Email report or add to database

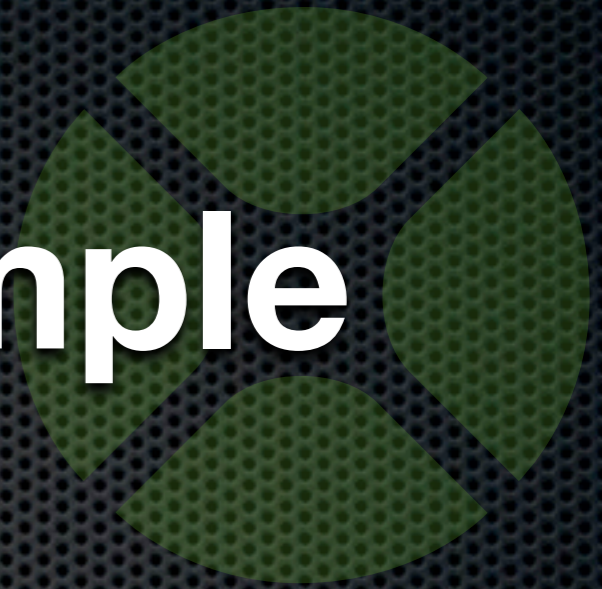
# Load Balancing Example





# Load Balancing Example

- One CGI address



# Load Balancing Example



- One CGI address
- several web app instances

# Load Balancing Example



- One CGI address
- several web app instances
- balanced by IP

# Load Balancing Example



- One CGI address
- several web app instances
- balanced by IP
- Admin app for monitoring

# Load Balancing Example



- One CGI address
- several web app instances
- balanced by IP
- Admin app for monitoring
- Demo

# Load Balancing Example



- One CGI address
- several web app instances
- balanced by IP
- Admin app for monitoring
- Demo
- <http://webapps.monkeybreadsoftware.de/test/start.cgi>

# Q & A



# Q & A

Christian Schmitz





# Q & A

Christian Schmitz

[support@monkeybreadsoftware.de](mailto:support@monkeybreadsoftware.de)

