



MBS Xojo Plugins

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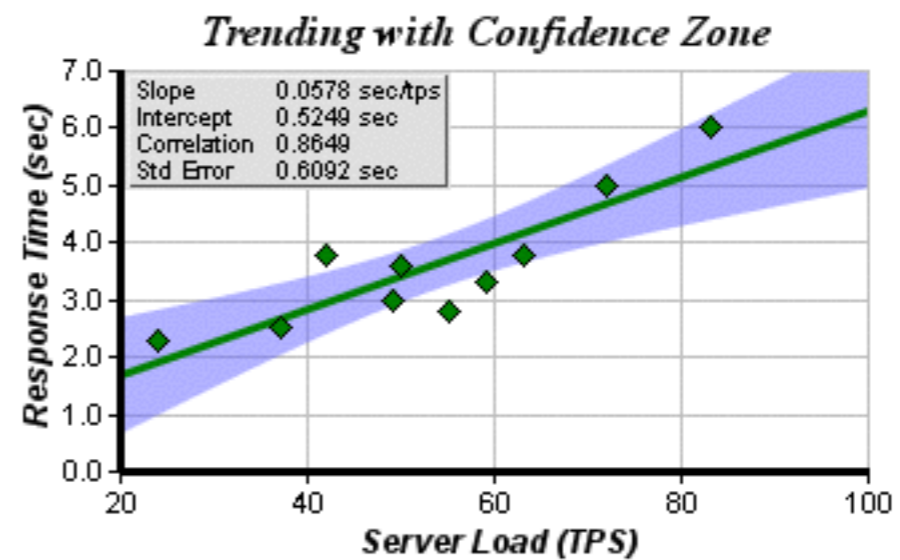
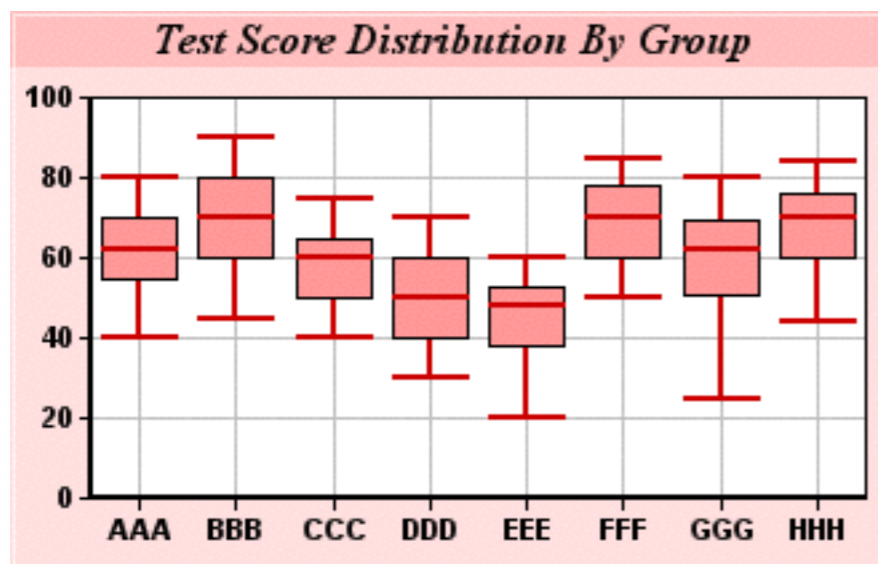
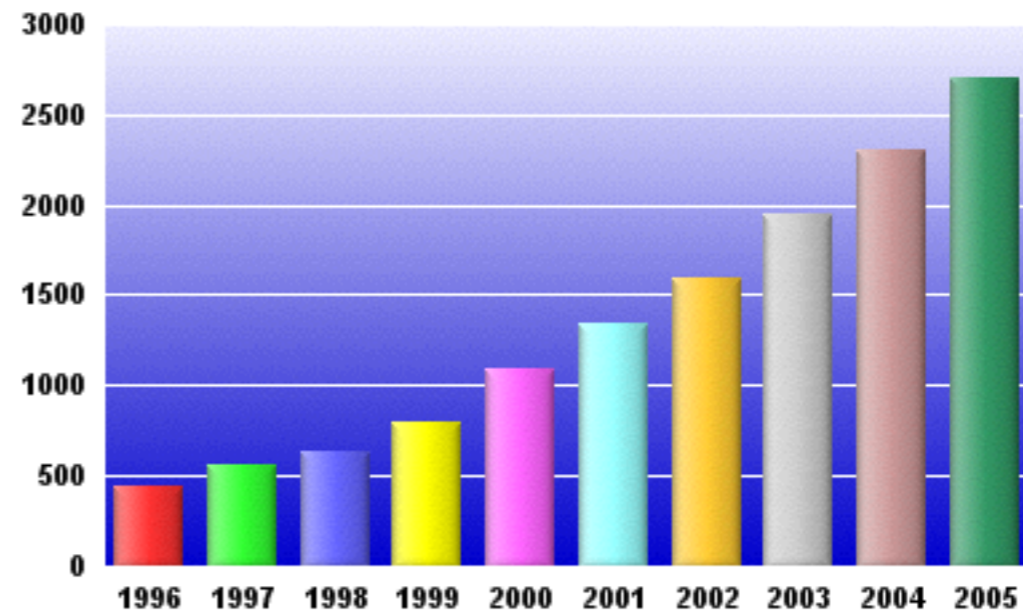
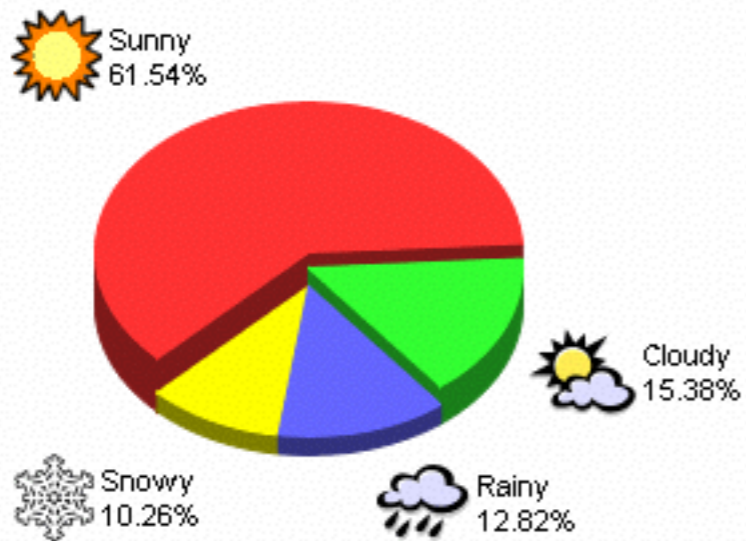
MBS Xojo Products



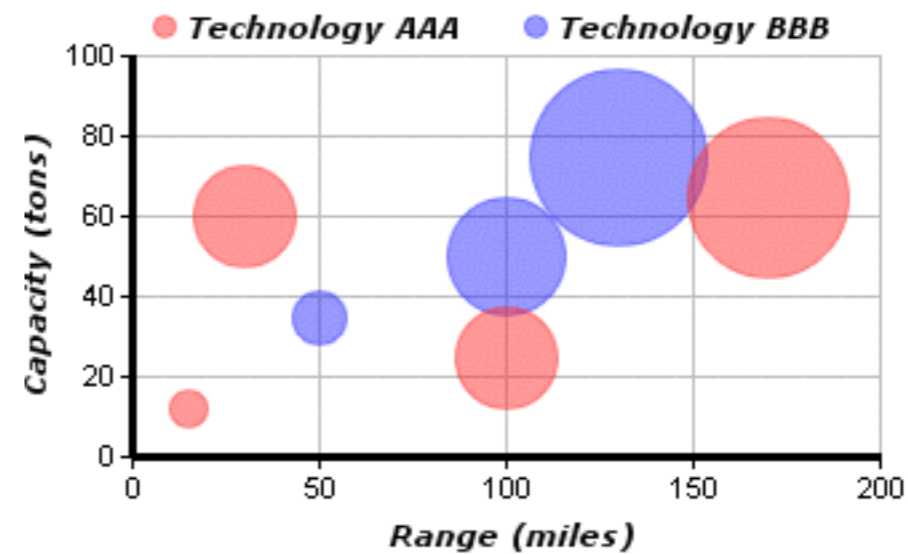
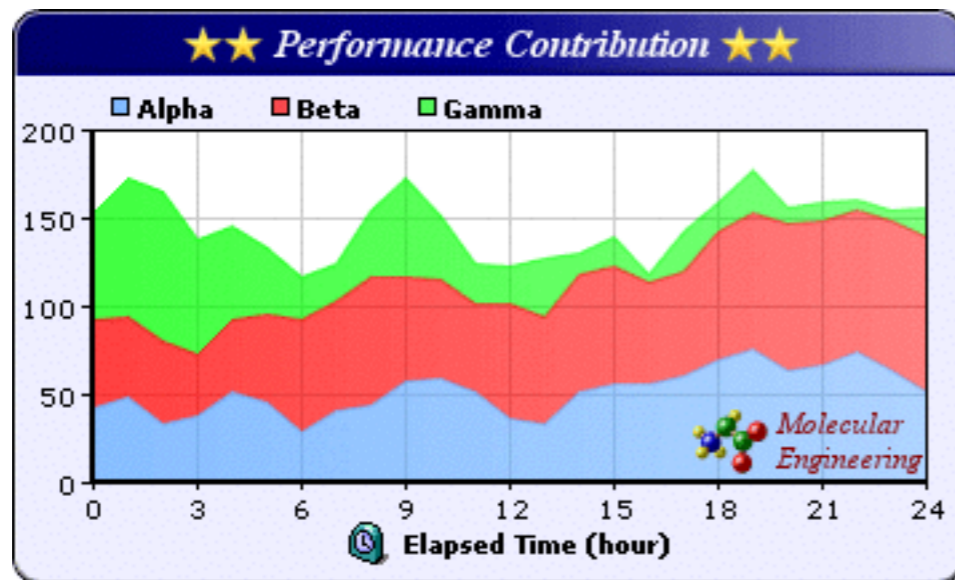
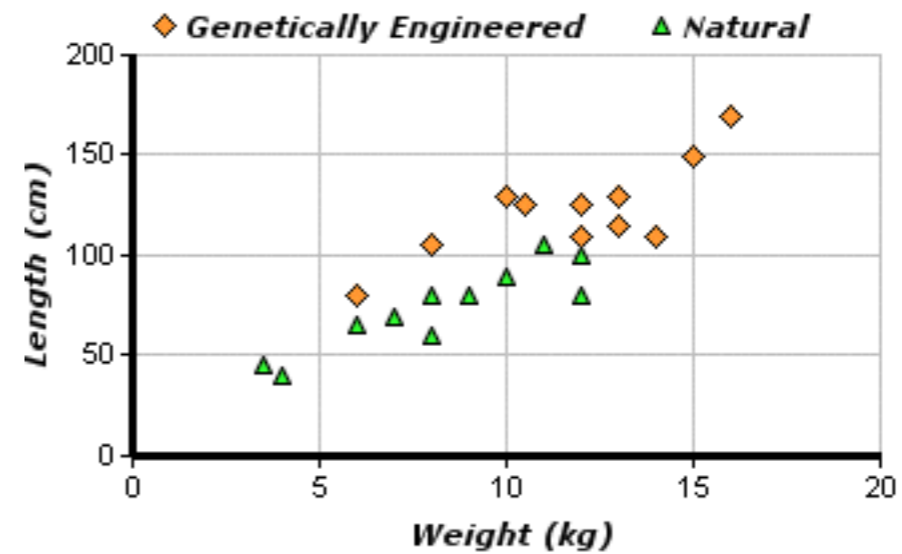
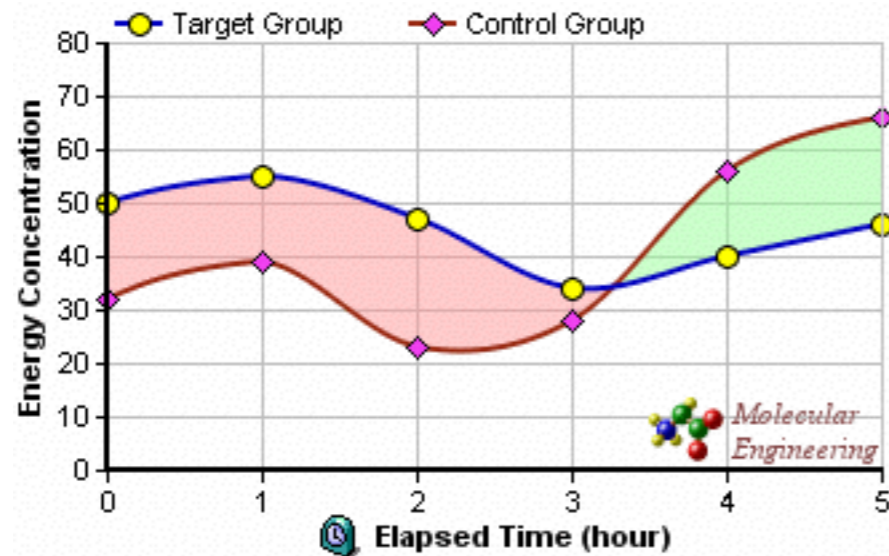
9 great products

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

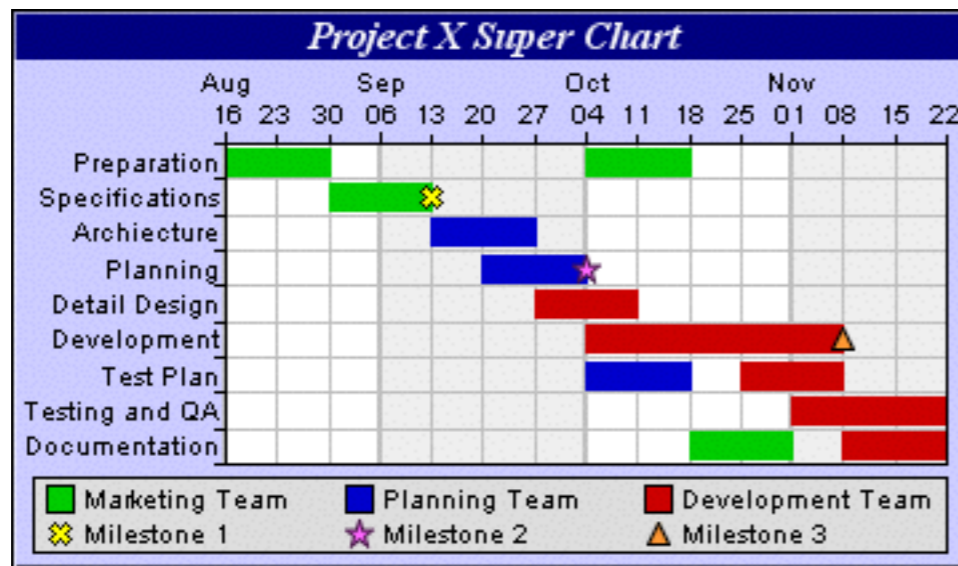
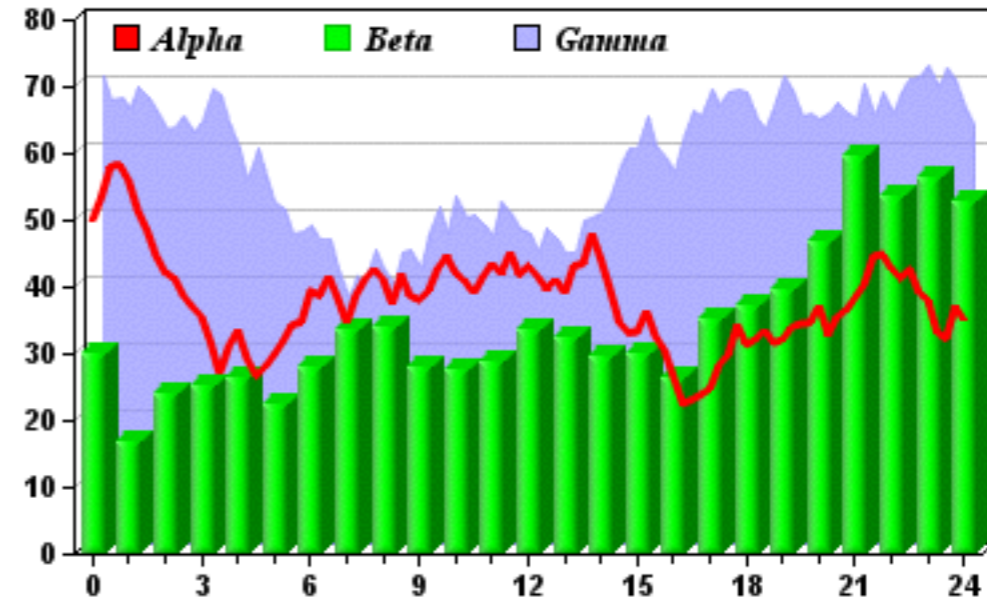
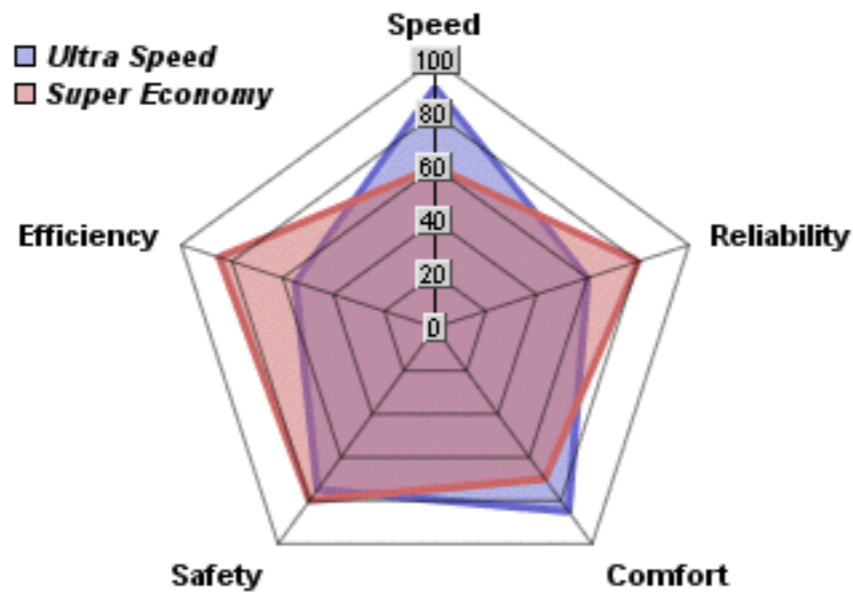
MBS ChartDirector Plugin



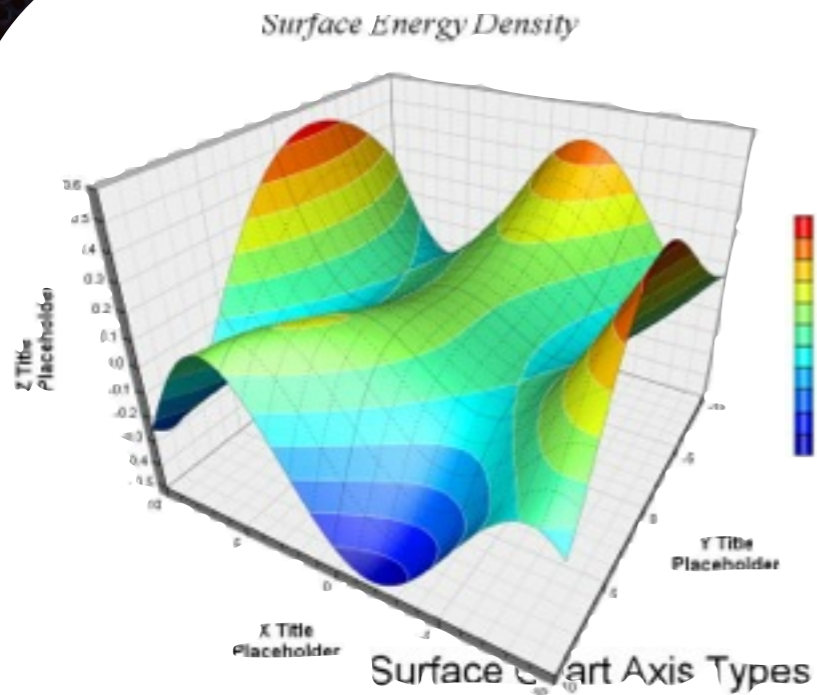
MBS ChartDirector Plugin



MBS ChartDirector Plugin



MBS ChartDirector Plugin

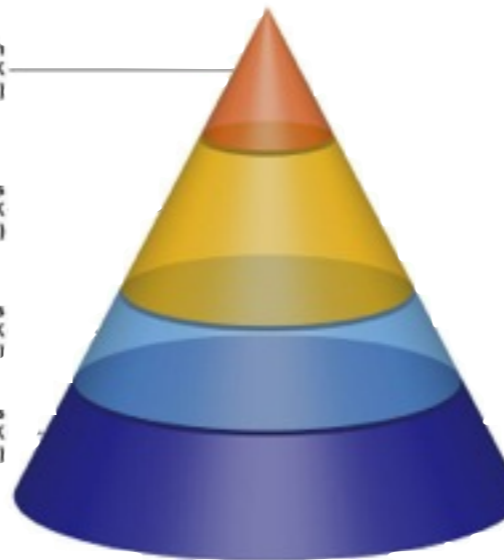


Cash
US \$179K
(26.76%)

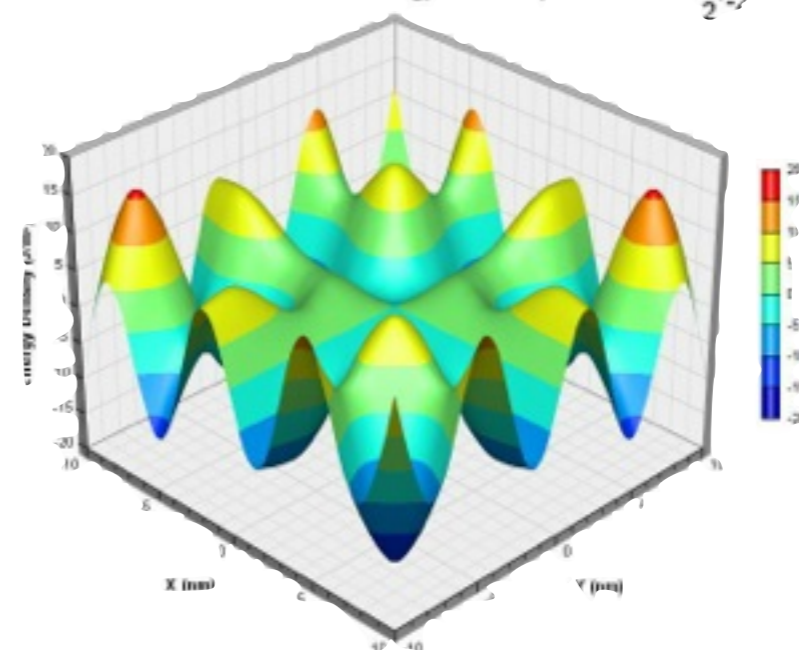
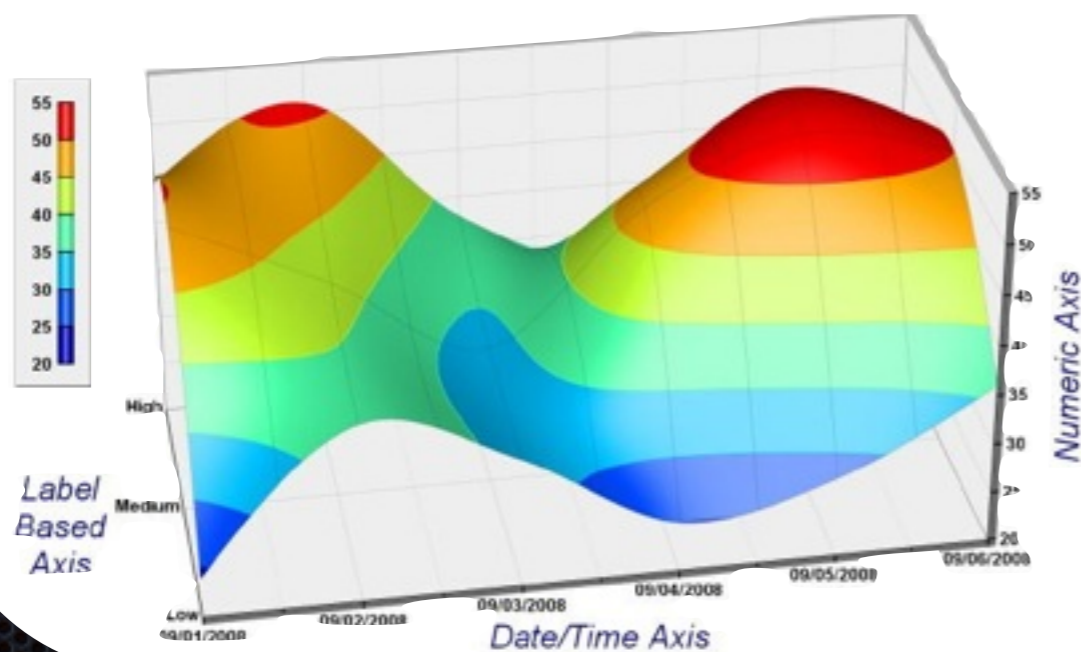
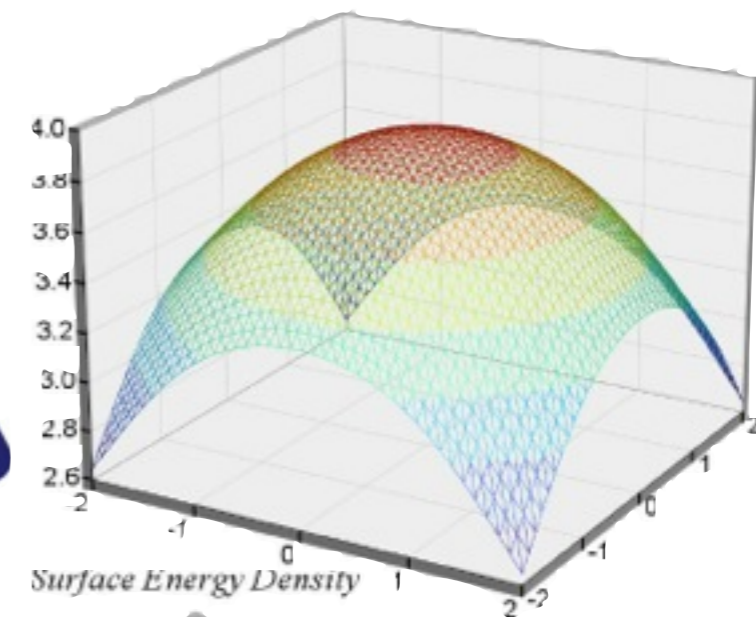
Stocks
US \$211K
(31.54%)

Bonds
US \$123K
(18.39%)

Funds
US \$156K
(23.32%)



6 x 5 Points - Spline Fitted to 40 x 40
Triangular Wireframe



ChartDirector Demos



- **Demos**

ChartDirector Future



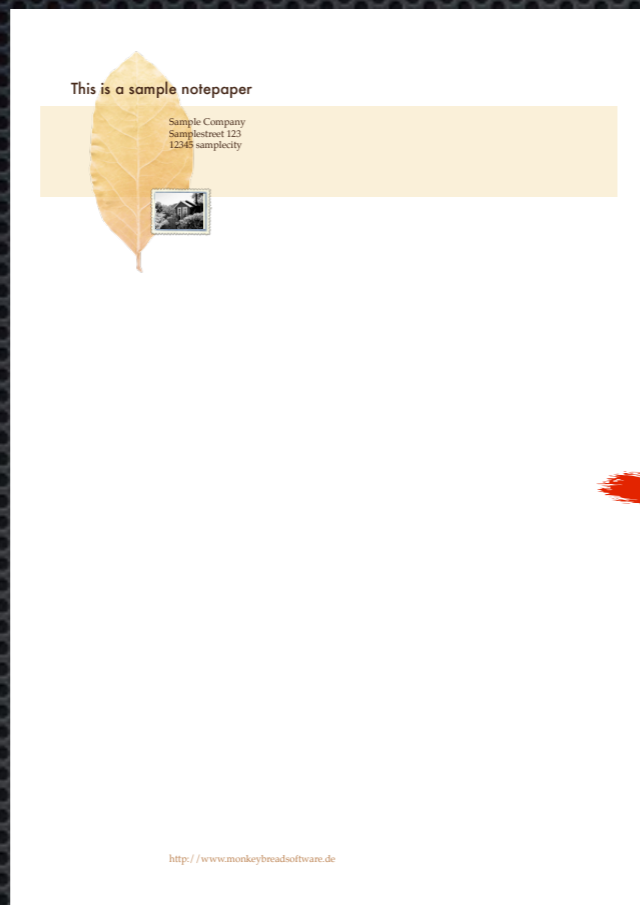
- Version 6 coming end of year
- Direct PDF output
- Major facelift for the meters and gauges
- Bars with rounded corners
- Hollow shading for candlesticks,
- Specify color gradients using data values for surface and contour charts
- Shading effects for box-whisker symbols

MBS Xojo DynaPDF Plugin



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

Use of PDF Letter paper



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.

DynaPDF News 2014



- Continuous development
- Improved Annotation handling
- Output Intents
- Query metadata like XMP
- Query more details about images
- New Optimize command

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, SQL Anywhere and ODBC.

MBS SQL Plugin News



- Added MySQL SSL support
- Properties for debugger like Fields & Parameters
- SQL Numeric improvements for 64bit numbers
- Raise Exceptions for SQLDatabase, too.
- Named parameters for SQLPreparedStatementMBS

MBS SQL Plugin News

// by index

```
dim r as PreparedSQLStatement
```

```
r = db.Prepare("Insert into test_tbl(fid, fvarchar20) values(:1, :2)")
```

```
r.BindType(0, SQLPreparedStatementMBS.kTypeLong)
```

```
r.BindType(1, SQLPreparedStatementMBS.kTypeString)
```

```
r.SQLExecute 12345, "Hello World by index"
```

// by name

```
dim sql as string = "Insert into test_tbl(fid, fvarchar20) values(:fid, :fvarchar20)"
```

```
dim v as Variant = db.Prepare(sql)
```

```
dim p as SQLPreparedStatementMBS = v
```

```
p.BindType("fid", SQLPreparedStatementMBS.kTypeLong)
```

```
p.BindType("fvarchar20", SQLPreparedStatementMBS.kTypeString)
```

```
p.Bind("fid", 2345)
```

```
p.Bind("fvarchar20", "Hello World by name")
```

```
p.SQLExecute
```


MBS Complete Plugin Set

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

62 Plugins in one Package

New in 2014: Network



- New SSH Plugin
 - Remote SSH connection to other computer.
 - Perform commands
 - using Xojo socket or plugin socket
 - Authentication via password or public key
- SSH file uploads already via CURL Plugin. (SFTP)

New in 2014: Network



- Proxy classes
 - CFProxyMBS for Mac
 - WinHTTPClientMBS for Windows
- New CURLEmailMBS class
 - Encodes content, names, subject and text.

New in 2014: Mac



- AVFoundation Plugin
- updated for Mac OS X 10.9
- Play / Record video & audio
- All QuickTime functions related to Movie/MoviePlayer class no longer working in Xojo 2014.

New in 2014: Mac



- New AUPlayerMBS class
 - Pitch, Pan, Channel Map & Meter Level
- OpenFileDialogMBS, OverlayMBS rewritten for Cocoa.
- CoreImage improvements for 10.9
- NSAlertMBS class
- NSXPC classes
- NSServiceProviderMBS class

New in 2014: ImageCapture



- New ImageCapture classes
 - ICScannerDeviceMBS → Scanner
 - ICCameraDeviceMBS → Camera
 - Device Browser control
 - Scanner & Camera control
 - Same Interface as Digital Image

New in 2014: CoreText



- New CoreText Plugin
 - Modern Mac/iOS Text rendering
 - Replacement for ATS classes
 - Enumerate fonts
 - Create layouts, render text to CGContext
 - new CFMutableAttributedStringMBS class

New in 2014: Linux



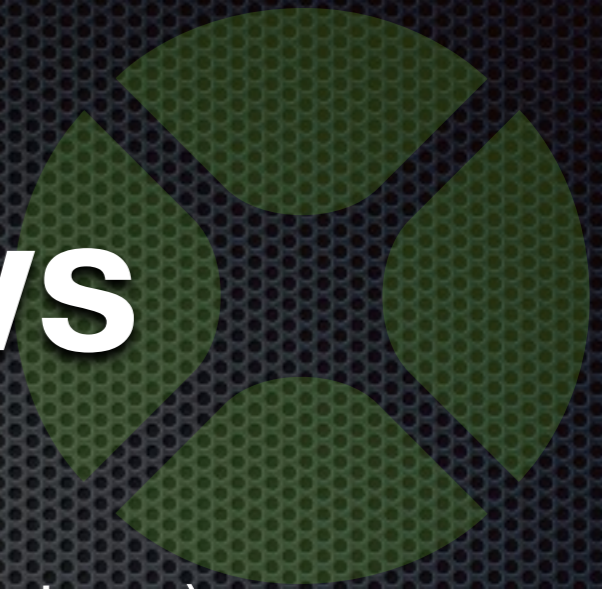
- Linux improvements:
 - added Linux Process class
 - GTK Window class, SetIcon, Keep Above/Below
 - Support for Picture access via Cairo in Xojo
 - Transparent windows

New in 2014: MapKit



- New MapKit Plugin
 - using OpenSource MapKit Framework
 - Maps from Google
 - API similar to Apple's framework (64bit only)
 - Show map, show pins and overlays

New in 2014: Windows



- Classes for HTMLViewer with WebKit (Chromium)
 - extract Text & Image
- WinNotificationMBS to listen for global notifications like display or drive changes
- WinThumbnailMBS
- TextArea: WinRTFDDataMBS and WinInsertImageMBS

New in 2014: Barcode



- Barcode Generator
 - UPCA, UPCE, EAN, Code 39, PDF 417, DataMatrix and QR Code
 - SVG and EPS output
 - Vector data for writing to PDF

New in 2014: Mac App Store



- Check Receipt with In-App Purchases
 - AppReceiptMBS class
 - AppReceiptIAPMBS
- Verify receipt:
 - AppReceiptVerifierMBS class
- Store Kit improvements

New in 2014

- LCMS 2.6 / 2.7b0 updates
- VerifyEmailMBS function
- EncodeEmailSubjectMBS function
- TimerMBS class, high res timer
- CPUIDMBS class



New in 2014: Yosemite



- NSAppearanceMBS class
- NSUserNotification improvements
- NSVisualEffectControlMBS / NSVisualEffectViewMBS
- NSWindow TitleVisibility property

Conferences



- See you next time
- in Birmingham, 13rd/14th November 2014
 - meeting with UK group
- in Austin, 29th April to 1st May 2015
 - XDC 2015
- in Den Haag, Hamburg, Winterthur or Toulouse.

Q & A

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