

MBS REALbasic CUPS Plugin Documentation

Christian Schmitz

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0.1 Introduction

This is the PDF version of the documentation for the REALbasic Plug-in from Monkeybread Software Germany. Plugin part: MBS REALbasic CUPS Plugin

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Chapter 2

CUPS

2.1 class CUPSOptionMBS

class CUPSOptionMBS

class, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: The class for the options in CUPS.

2.1.1 Properties

Name as String

property from class CUPSOptionMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Name of option.

Notes: (Read and Write property)

Value as String

property from class CUPSOptionMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Value of option.

Notes: (Read and Write property)

2.2 class CUPSMissingFunctionExceptionMBS

class CUPSMissingFunctionExceptionMBS

class, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: The exception raised if a CUPS function is not found.

Notes:

On Windows this method is raised for each function you call.

Subclass of the RuntimeException class.

2.3 module CUPSMBS

module CUPSMBS

module from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: The module to control the CUPS printing system.

2.3.1 Methods

CancelJob(name as string, job as Int32)

method from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Cancel a print job on the default server.

Notes:

name: Name of printer or class

job: Job ID, kJobIDCurrent for the current job, or kJobIDAll for all jobs

Pass kJobIDAll to cancel all jobs or kJobIDCurrent to cancel the current job on the named destination.

Raises exception on error.

GetDefault as string

method from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Get the default printer or class for the default server.

Example:

```
MsgBox CUPSMBS.GetDefault
```

GetDestinations as CUPSDestinationMBS()

method from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Get the list of destinations from the default server.

Example:

```
dim lines(-1) as string
```

```

for each c as CUPSDestinationMBS in CUPSMBS.GetDestinations
lines.append c.Name
next

```

```
MsgBox Join(lines,EndOfLine)
```

Notes: Starting with CUPS 1.2, the returned list of destinations include the printer-info, printer-is-accepting-jobs, printer-is-shared, printer-make-and-model, printer-state, printer-state-change-time, printer-state-reasons, and printer-type attributes as options. CUPS 1.4 adds the marker-change-time, marker-colors, marker-high-levels, marker-levels, marker-low-levels, marker-message, marker-names, marker-types, and printer-commands attributes as well.

GetJobs(name as string, OnlyMyJobs as boolean, whichjobs as integer) as CUPSJobMBS()

method from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Get the jobs from the default server.

Notes:

name: "" = all destinations, otherwise show jobs for named destination
OnlyMyJobs: false = all users, true = mine
whichjobs: kWhichJobsAll, kWhichJobsActive, or kWhichJobsComplete

A "whichjobs" value of kWhichJobsAll returns all jobs regardless of state, while kWhichJobsActive returns jobs that are pending, processing, or held and kWhichJobsComplete returns jobs that are stopped, canceled, aborted, or completed.

GetPassword(prompt as string) as string

method from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Get a password from the user.

Notes: Returns "" if the user does not provide a password.

GetPPD(name as string) as string

method from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Get the PPD file for a printer on the default server.

Example:

```
for each c as CUPSDestinationMBS in CUPSMBS.GetDestinations
if c.isDefault then
MsgBox cupsmbs.GetPPD(c.Name)
end if
next
```

Notes:

Returns Filename for PPD file.

For classes, cupsGetPPD returns the PPD file for the first printer in the class.

The returned filename is stored in a static buffer and is overwritten with each call to cupsGetPPD or cupsGetPPD2. The caller "owns" the file that is created and must unlink the returned filename.

LastError as integer

method from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Return the last IPP status code.

LastErrorString as string

method from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Return the last IPP status-message.

Example:

```
MsgBox CUPSMBS.LastErrorString
```

Notes: Returns status-message text from last request.

PrintFile(name as string, file as folderitem, title as string) as integer

method from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Print a file to a printer or class on the default server.

Example:

```
// Print file on default printer...
dim f as FolderItem = SpecialFolder.Desktop.Child("test.ps")

for each c as CUPSDestinationMBS in CUPSMBS.GetDestinations
if c.isDefault then

call CUPSMBS.PrintFile(c.Name, f, f.Name)

end if
next
```

Notes:

name: Destination name

filename: File to print

title: Title of job

Returns Job ID or 0 on error

See also:

- 2.3.1 PrintFile(name as string, file as folderitem, title as string, options() as CUPSOptionMBS) as integer

PrintFile(name as string, file as folderitem, title as string, options() as CUPSOOptionMBS) as integer

method from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Print a file to a printer or class on the default server.

Notes:

name: Destination name

filename: File to print

title: Title of job

options: Options

Returns Job ID or 0 on error

See also:

- 2.3.1 PrintFile(name as string, file as folderitem, title as string) as integer

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PrintFiles(name as string, files() as folderitem, title as string) as integer

method from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Print files to a printer or class on the default server.

Notes:

name: Destination name

filename: Files to print

title: Title of job

Returns Job ID or 0 on error

See also:

- 2.3.1 PrintFiles(name as string, files() as folderitem, title as string, options() as CUPSOOptionMBS) as integer

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PrintFiles(name as string, files() as folderitem, title as string, options() as CUPSOptionMBS) as integer

method from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Print files to a printer or class on the default server.

Notes:

name: Destination name

files: Files to print

title: Title of job

options: Options

Returns Job ID or 0 on error

See also:

- 2.3.1 PrintFiles(name as string, files() as folderitem, title as string) as integer

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Server as string

method from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Return the hostname/address of the default server.

Example:

```
MsgBox CUPSMBS.Server
```

Notes: The returned value can be a fully-qualified hostname, a numeric IPv4 or IPv6 address, or a domain socket pathname.

SetServer(server as string)

method from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Set the default server name.

Notes:

server: Server name

The "server" string can be a fully-qualified hostname, a numeric IPv4 or IPv6 address, or a domain socket pathname. Pass "" to restore the default server name.

SetUser(user as string)

method from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Set the default user name.

Notes:

user: User name

Pass "" to restore the default user name.

User as string

method from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Return the current user's name.

Example:

```
MsgBox CUPSMBS.User
```

2.3.2 Constants

kJobAborted = 8

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the constants for the job state.

Example:

```
dim jobs(-1) as CUPSJobMBS = CUPSMBS.GetJobs("", false, CUPSMBS.kWhichJobsAll)
dim state as integer = jobs(0).State // check state of first job
dim s as string = "?"
```

```
Select case state
case CUPSMBS.kJobAborted
s = "Aborted"
case CUPSMBS.kJobCanceled
s = "Canceled"
case CUPSMBS.kJobCompleted
s = "Completed"
case CUPSMBS.kJobHeld
s = "Held"
case CUPSMBS.kJobStopped
s = "Stopped"
case CUPSMBS.kJobPending
s = "Pending"
case CUPSMBS.kJobProcessing
s = "Processing"
end Select
```

```
MsgBox str(State)+"": "+s
```

Notes: Job was aborted.

kJobCanceled = 7

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the constants for the job state.

Example:

```
dim jobs(-1) as CUPSJobMBS = CUPSMBS.GetJobs("", false, CUPSMBS.kWhichJobsAll)
dim state as integer = jobs(0).State // check state of first job
dim s as string = "?"
```

```
Select case state
case CUPSMBS.kJobAborted
s = "Aborted"
case CUPSMBS.kJobCanceled
s = "Canceled"
case CUPSMBS.kJobCompleted
s = "Completed"
case CUPSMBS.kJobHeld
s = "Held"
case CUPSMBS.kJobStopped
s = "Stopped"
case CUPSMBS.kJobPending
s = "Pending"
case CUPSMBS.kJobProcessing
s = "Processing"
end Select
```

```
MsgBox str(State)+"": "+s
```

Notes: Job was canceled.

kJobCompleted = 9

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the constants for the job state.

Example:

```
dim jobs(-1) as CUPSJobMBS = CUPSMBS.GetJobs("", false, CUPSMBS.kWhichJobsAll)
dim state as integer = jobs(0).State // check state of first job
dim s as string = "?"
```

```
Select case state
case CUPSMBS.kJobAborted
s = "Aborted"
```

```

case CUPSMBS.kJobCanceled
s = "Canceled"
case CUPSMBS.kJobCompleted
s = "Completed"
case CUPSMBS.kJobHeld
s = "Held"
case CUPSMBS.kJobStopped
s = "Stopped"
case CUPSMBS.kJobPending
s = "Pending"
case CUPSMBS.kJobProcessing
s = "Processing"
end Select

```

```
MsgBox str(State)+"": "+s
```

Notes: Job was completed.

kJobHeld = 4

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the constants for the job state.

Example:

```

dim jobs(-1) as CUPSJobMBS = CUPSMBS.GetJobs("", false, CUPSMBS.kWhichJobsAll)
dim state as integer = jobs(0).State // check state of first job
dim s as string = "?"

```

```

Select case state
case CUPSMBS.kJobAborted
s = "Aborted"
case CUPSMBS.kJobCanceled
s = "Canceled"
case CUPSMBS.kJobCompleted
s = "Completed"
case CUPSMBS.kJobHeld
s = "Held"
case CUPSMBS.kJobStopped
s = "Stopped"
case CUPSMBS.kJobPending

```

```

s = "Pending"
case CUPSMBS.kJobProcessing
s = "Processing"
end Select

```

```
MsgBox str(State)+"": "+s
```

Notes: Job is held.

kJobIDAll = -1

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: A job constant for all jobs.

kJobIDCurrent = 0

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: A job constant for the current job.

kJobPending = 3

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the constants for the job state.

Example:

```

dim jobs(-1) as CUPSJobMBS = CUPSMBS.GetJobs("", false, CUPSMBS.kWhichJobsAll)
dim state as integer = jobs(0).State // check state of first job
dim s as string = "?"

```

```
Select case state
```

```

case CUPSMBS.kJobAborted
s = "Aborted"
case CUPSMBS.kJobCanceled
s = "Canceled"
case CUPSMBS.kJobCompleted
s = "Completed"
case CUPSMBS.kJobHeld
s = "Held"
case CUPSMBS.kJobStopped
s = "Stopped"
case CUPSMBS.kJobPending
s = "Pending"
case CUPSMBS.kJobProcessing
s = "Processing"
end Select

```

```
MsgBox str(State)+"": "+s
```

Notes: Job is pending

kJobProcessing = 5

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the constants for the job state.

Example:

```

dim jobs(-1) as CUPSJobMBS = CUPSMBS.GetJobs("", false, CUPSMBS.kWhichJobsAll)
dim state as integer = jobs(0).State // check state of first job
dim s as string = "?"

```

```

Select case state
case CUPSMBS.kJobAborted
s = "Aborted"
case CUPSMBS.kJobCanceled
s = "Canceled"
case CUPSMBS.kJobCompleted
s = "Completed"
case CUPSMBS.kJobHeld
s = "Held"
case CUPSMBS.kJobStopped

```

```

s = "Stopped"
case CUPSMBS.kJobPending
s = "Pending"
case CUPSMBS.kJobProcessing
s = "Processing"
end Select

```

```
MsgBox str(State)+"": "+s
```

Notes: Job is processing.

kJobStopped = 6

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the constants for the job state.

Example:

```

dim jobs(-1) as CUPSJobMBS = CUPSMBS.GetJobs("", false, CUPSMBS.kWhichJobsAll)
dim state as integer = jobs(0).State // check state of first job
dim s as string = "?"

```

```

Select case state
case CUPSMBS.kJobAborted
s = "Aborted"
case CUPSMBS.kJobCanceled
s = "Canceled"
case CUPSMBS.kJobCompleted
s = "Completed"
case CUPSMBS.kJobHeld
s = "Held"
case CUPSMBS.kJobStopped
s = "Stopped"
case CUPSMBS.kJobPending
s = "Pending"
case CUPSMBS.kJobProcessing
s = "Processing"
end Select

```

```
MsgBox str(State)+"": "+s
```

Notes: Job is stopped.

kPrinterAUTHENTICATED = & h400000

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Printer requires authentication

kPrinterBIND = & h0400

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Can bind output

kPrinterBW = & h0004

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Example:

```
dim lines(-1) as string

for each c as CUPSDestinationMBS in CUPSMBS.GetDestinations
for each o as CUPSOptionMBS in c.Options
if o.Name="printer-type" then
dim x as integer = val(o.Value)

if BitwiseAnd(x, CUPSMBS.kPrinterBW)=CUPSMBS.kPrinterBW then
lines.Append c.Name+": yes"
else
```

```
lines.Append c.Name+" : no"  
end if  
end if  
next  
next
```

```
MsgBox Join(lines,EndOfLine)
```

Notes: Can do B& W printing

kPrinterCLASS = & h0001

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Printer class

kPrinterCOLLATE = & h0080

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Can collage copies

kPrinterCOLOR = & h0008

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Example:

```
dim lines(-1) as string
```

```

for each c as CUPSDestinationMBS in CUPSMBS.GetDestinations
for each o as CUPSOOptionMBS in c.Options
if o.Name="printer-type" then
dim x as integer = val(o.Value)

if BitwiseAnd(x, CUPSMBS.kPrinterCOLOR)=CUPSMBS.kPrinterCOLOR then
lines.Append c.Name+": yes"
else
lines.Append c.Name+": no"
end if
end if
next
next

MsgBox Join(lines,EndOfLine)

```

Notes: Can do color printing

kPrinterCOMMANDS = & h800000

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Printer supports maintenance commands

kPrinterCOPIES = & h0040

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Can do copies

kPrinterCOVER = & h0200

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Can cover output

kPrinterDEFAULT = & h20000

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Default printer on network

kPrinterDELETE = & h100000

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Delete printer

kPrinterDISCOVERED = & h1000000

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Printer was automatically discovered and added.

kPrinterDUPLEX = & h0010

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Example:

```
dim lines(-1) as string

for each c as CUPSDestinationMBS in CUPSMBS.GetDestinations
for each o as CUPSOptionMBS in c.Options
if o.Name="printer-type" then
dim x as integer = val(o.Value)

if BitwiseAnd(x, CUPSMBS.kPrinterDUPLEX)=CUPSMBS.kPrinterDUPLEX then
lines.Append c.Name+": yes"
else
lines.Append c.Name+": no"
end if
end if
next
next

MsgBox Join(lines,EndOfLine)
```

Notes: Can do duplexing

kPrinterFAX = & h40000

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Example:

```
dim lines(-1) as string

for each c as CUPSDestinationMBS in CUPSMBS.GetDestinations
for each o as CUPSOptionMBS in c.Options
if o.Name="printer-type" then
```

```
dim x as integer = val(o.Value)

if BitwiseAnd(x, CUPSMBS.kPrinterFAX)=CUPSMBS.kPrinterFAX then
lines.Append c.Name+": yes"
else
lines.Append c.Name+": no"
end if
end if
next
next

MsgBox Join(lines,EndOfLine)
```

Notes: Fax queue

kPrinterIMPLICIT = & h10000

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Implicit class

kPrinterLARGE = & h4000

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Can do D/E/A1/A0

kPrinterLOCAL = & h0000

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Local printer or class

kPrinterMEDIUM = & h2000

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Can do Tabloid/B/C/A3/A2

kPrinterMFP = & h4000000

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Example:

```
dim lines(-1) as string

for each c as CUPSDestinationMBS in CUPSMBS.GetDestinations
for each o as CUPSOOptionMBS in c.Options
if o.Name="printer-type" then
dim x as integer = val(o.Value)

if BitwiseAnd(x, CUPSMBS.kPrinterMFP)=CUPSMBS.kPrinterMFP then
lines.Append c.Name+": yes"
else
lines.Append c.Name+": no"
end if
end if
next
next

MsgBox Join(lines,EndOfLine)
```

Notes: Printer with scanning capabilities

kPrinterNotShared = & h200000

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Printer is not shared.

kPrinterOPTIONS = & h6fffc

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

kPrinterPUNCH = & h0100

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Can punch output.

kPrinterREJECTING = & h80000

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Printer is rejecting jobs.

kPrinterREMOTE = & h0002

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Remote printer or class.

kPrinterSCANNER = & h2000000

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Example:

```
dim lines(-1) as string

for each c as CUPSDestinationMBS in CUPSMBS.GetDestinations
for each o as CUPSOptionMBS in c.Options
if o.Name="printer-type" then
dim x as integer = val(o.Value)

if BitwiseAnd(x, CUPSMBS.kPrinterSCANNER)=CUPSMBS.kPrinterSCANNER then
lines.Append c.Name+": yes"
else
lines.Append c.Name+": no"
end if
end if
next
next

MsgBox Join(lines,EndOfLine)
```

Notes: Scanner-only device

kPrinterSMALL = & h1000

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Example:

```
dim lines(-1) as string

for each c as CUPSDestinationMBS in CUPSMBS.GetDestinations
for each o as CUPSOptionMBS in c.Options
if o.Name="printer-type" then
dim x as integer = val(o.Value)

if BitwiseAnd(x, CUPSMBS.kPrinterSMALL)=CUPSMBS.kPrinterSMALL then
lines.Append c.Name+": yes"
else
lines.Append c.Name+": no"
end if
end if
next
next

MsgBox Join(lines,EndOfLine)
```

Notes: Can do Letter/Legal/A4.

kPrinterSORT = & h0800

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Can sort output.

kPrinterSTAPLE = & h0020

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Can staple output.

kPrinterVARIABLE = & h8000

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the printer type/capability bit constants.

Notes: Can do variable sizes.

kStatusAttributes = & h040B

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error attributes or values not supported

kStatusAttributesNotSettable = & h0413

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error attributes not settable

kStatusBadRequest = & h0400

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error bad request

kStatusCharset = & h040D

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error charset not supported

kStatusCompressionError = & h0410

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error compression error

kStatusCompressionNotSupported = & h040F

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error compression not supported

kStatusConflict = & h040E

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error conflicting attributes

kStatusDeviceError = & h0504

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: server error device error

kStatusDocumentAccessError = & h0412

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error document access error

kStatusDocumentFormat = & h040A

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error document format not supported

kStatusDocumentFormatError = & h0411

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error document format error

kStatusErrorJobCanceled = & h0508

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: server error job canceled

kStatusForbidden = & h0401

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error forbidden

kStatusGone = & h0407

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error gone

kStatusIgnoredAllNotifications = & h0416

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error ignored all notifications

kStatusIgnoredAllSubscriptions = & h0414

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error ignored all subscriptions

kStatusInternalError = & h0500

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: server error internal error

kStatusMultipleJobsNotSupported = & h0509

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: server error multiple document jobs not supported

kStatusNotAccepting = & h0506

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: server error not accepting jobs

kStatusNotAuthenticated = & h0402

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error not authenticated

kStatusNotAuthorized = & h0403

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error not authorized

kStatusNotFound = & h0406

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error not found

kStatusNotPossible = & h0404

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error not possible

kStatusOK = 0

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: successful ok

kStatusOKButCancelSubscription = 6

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: successful ok but cancel subscription

kStatusOKConflict = 2

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: successful ok conflicting attributes

kStatusOKEventsComplete = 7

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: successful ok events complete

kStatusOKIgnoredNotifications = 4

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: successful ok ignored notifications

kStatusOKIgnoredSubscriptions = 3

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: successful ok ignored subscriptions

kStatusOKSubst = 1

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: successful ok ignored or substituted attributes

kStatusOKTooManyEvents = 5

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: successful ok too many events

kStatusOperationNotSupported = & h0501

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: server error operation not supported

kStatusPrinterBusy = & h0507

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: server error busy

kStatusPrinterIsDeactivated = & h050A

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: server error printer is deactivated

kStatusPrintSupportFileNotFound = & h0417

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error print support file not found

kStatusRedirectionOtherSite = & h200

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: redirection other site

kStatusRequestEntity = & h0408

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error request entity too large

kStatusRequestValue = & h0409

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error request value too long

kStatusSeeOther = & h280

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: cups see other

kStatusServiceUnavailable = & h0502

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: server error service unavailable

kStatusTemporaryError = & h0505

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: server error temporary error

kStatusTimeout = & h0405

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error timeout

kStatusTooManySubscriptions = & h0415

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error too many subscriptions

kStatusURIScheme = & h040C

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: client error uri scheme not supported

kStatusVersionNotSupported = & h0503

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One of the CUPS error constants.

Notes: server error version not supported

kWhichJobsActive = 0

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One constant for using in GetJobs.

kWhichJobsAll = -1

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One constant for using in GetJobs.

kWhichJobsComplete = 1

const from class CUPSMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: One constant for using in GetJobs.

2.4 class CUPSDestinationMBS

class CUPSDestinationMBS

class, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: The class for a CUPS destination.

Example:

```
dim lines(-1) as string
for each c as CUPSDestinationMBS in CUPSMBS.GetDestinations
lines.append c.Name
next
```

```
MsgBox Join(lines,EndOfLine)
```

2.4.1 Methods

Options as CUPSOOptionMBS()

method from class CUPSDestinationMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, not console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Options values.

2.4.2 Properties

Instance as String

property from class CUPSDestinationMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Local instance name or "".

Notes: (Read and Write property)

isDefault as Boolean

property from class CUPSDestinationMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Is this printer the default?

Example:

```
for each c as CUPSDestinationMBS in CUPSMBS.GetDestinations
if c.isDefault then
MsgBox c.Name
end if
next
```

Notes: (Read and Write property)

Name as String

property from class CUPSDestinationMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: The name of the printer.

Example:

```
dim lines(-1) as string
for each c as CUPSDestinationMBS in CUPSMBS.GetDestinations
lines.append c.Name
next
```

```
MsgBox Join(lines,EndOfLine)
```

Notes: (Read and Write property)

2.5 class CUPSErrorExceptionMBS

class CUPSErrorExceptionMBS

class, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: The error exception raised by some CUPS functions.

Notes: Subclass of the RuntimeException class.

2.6 class CUPSJobMBS

class CUPSJobMBS

class, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: The class for job details.

Example:

```
dim jobs() as CUPSJobMBS = CUPSMBS.GetJobs("", true, CUPSMBS.kWhichJobsActive)

if UBound(jobs)<0 then
MsgBox "no job"
else

dim j as CUPSJobMBS = jobs(0)
dim lines(-1) as string

lines.Append "Title: "+j.Title
lines.Append "User: "+j.User
lines.Append "Format: "+j.Format
lines.Append "Dest: "+j.Dest
lines.Append "ID: "+str(j.ID)
lines.Append "Priority: "+str(j.Priority)
lines.Append "Size: "+str(j.Size)
lines.Append "State: "+str(j.State)

if j.CompletedTime<>nil then
lines.Append "CompletedTime: "+j.CompletedTime.AbbreviatedDate+" "+j.CompletedTime.longtime
else
lines.Append "CompletedTime: nil"
end if

if j.CreationTime<>nil then
lines.Append "CreationTime: "+j.CreationTime.AbbreviatedDate+" "+j.CreationTime.longtime
else
lines.Append "CreationTime: nil"
end if

if j.ProcessingTime<>nil then
lines.Append "ProcessingTime: "+j.ProcessingTime.AbbreviatedDate+" "+j.ProcessingTime.longtime
else
lines.Append "ProcessingTime: nil"
end if

MsgBox join(lines,EndOfLine)

end if
```

2.6.1 Properties

CompletedTime as Date

property from class CUPSJobMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Time the job was completed.

Example:

```
dim jobs() as CUPSJobMBS = CUPSMBS.GetJobs("", false, CUPSMBS.kWhichJobsComplete)

if UBound(jobs)<0 then
  MsgBox "no job"
else
  dim j as CUPSJobMBS = jobs(0)

  MsgBox j.Title+" completed at "+j.CompletedTime.AbbreviatedDate+" "+j.CompletedTime.longtime
end if
```

Notes:

Value is nil if the value is not set.
(Read and Write property)

CreationTime as Date

property from class CUPSJobMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Time the job was created.

Example:

```
dim jobs() as CUPSJobMBS = CUPSMBS.GetJobs("", false, CUPSMBS.kWhichJobsComplete)

if UBound(jobs)<0 then
  MsgBox "no job"
else
  dim j as CUPSJobMBS = jobs(0)
```

```
MsgBox j.Title+" completed at "+j.CreationTime.AbbreviatedDate+" "+j.CreationTime.longtime
end if
```

Notes:

Value is nil if the value is not set.
(Read and Write property)

Dest as String

property from class CUPSJobMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7,
console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Printer or class name.

Example:

```
dim jobs() as CUPSJobMBS = CUPSMBS.GetJobs("", false, CUPSMBS.kWhichJobsAll)
dim lines(-1) as string

for each j as CUPSJobMBS in jobs
lines.Append j.Dest
next

MsgBox Join(lines,EndOfLine)
```

Notes: (Read and Write property)

Format as String

property from class CUPSJobMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7,
console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Document format.

Example:

```
dim jobs() as CUPSJobMBS = CUPSMBS.GetJobs("", true, CUPSMBS.kWhichJobsAll)
```

```
dim lines(-1) as string
for each j as CUPSJobMBS in jobs
lines.Append j.Format
next
MsgBox Join(lines,EndOfLine)
```

Notes: (Read and Write property)

ID as Integer

property from class CUPSJobMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: The job ID.

Example:

```
dim jobs(-1) as CUPSJobMBS = CUPSMBS.GetJobs("", false, CUPSMBS.kWhichJobsAll)
MsgBox jobs(0).Title+" has ID "+str(jobs(0).ID)
```

Notes: (Read and Write property)

Priority as Integer

property from class CUPSJobMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Priority (1-100).

Example:

```
dim jobs(-1) as CUPSJobMBS = CUPSMBS.GetJobs("", false, CUPSMBS.kWhichJobsAll)
MsgBox jobs(0).Title+" has priority "+str(jobs(0).Priority)
```

Notes: (Read and Write property)

ProcessingTime as Date

property from class CUPSJobMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Time the job was processed.

Example:

```
dim jobs() as CUPSJobMBS = CUPSMBS.GetJobs("", false, CUPSMBS.kWhichJobsComplete)

if UBound(jobs)<0 then
  MsgBox "no job"
else
  dim j as CUPSJobMBS = jobs(0)

  MsgBox j.Title+" completed at "+j.ProcessingTime.AbbreviatedDate+" "+j.ProcessingTime.longtime
end if
```

Notes:

Value is nil if the value is not set.
(Read and Write property)

Size as Integer

property from class CUPSJobMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Size in kilobytes.

Example:

```
dim sum as Integer
dim jobs() as CUPSJobMBS = CUPSMBS.GetJobs("", false, CUPSMBS.kWhichJobsAll)

if UBound(jobs)<0 then
  MsgBox "no job"
else
```

```

for each j as CUPSJobMBS in jobs
sum=sum+j.Size
next

MsgBox "Total size of all print jobs: "+str(sum)+" KB"
end if

```

Notes: (Read and Write property)

State as Integer

property from class CUPSJobMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Job state.

Example:

```

dim jobs(-1) as CUPSJobMBS = CUPSMBS.GetJobs("", false, CUPSMBS.kWhichJobsAll)
dim state as integer = jobs(0).State // check state of first job
dim s as string = "?"

```

```

Select case state
case CUPSMBS.kJobAborted
s = "Aborted"
case CUPSMBS.kJobCanceled
s = "Canceled"
case CUPSMBS.kJobCompleted
s = "Completed"
case CUPSMBS.kJobHeld
s = "Held"
case CUPSMBS.kJobStopped
s = "Stopped"
case CUPSMBS.kJobPending
s = "Pending"
case CUPSMBS.kJobProcessing
s = "Processing"
end Select

```

```

MsgBox str(State)+"?: "+s

```

Notes: (Read and Write property)

Title as String

property from class CUPSJobMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: Title/job name.

Example:

```
dim jobs() as CUPSJobMBS = CUPSMBS.GetJobs("", false, CUPSMBS.kWhichJobsAll)
dim lines(-1) as string
```

```
for each j as CUPSJobMBS in jobs
lines.Append j.Title
next
```

```
MsgBox Join(lines,EndOfLine)
```

Notes: (Read and Write property)

User as String

property from class CUPSJobMBS, CUPS, MBS REALbasic CUPS Plugin (CUPS), Plugin version: 9.7, console safe, Mac OS X: Works, Windows: Does nothing, Linux x86: Works.

Function: User the submitted the job.

Example:

```
dim jobs() as CUPSJobMBS = CUPSMBS.GetJobs("", false, CUPSMBS.kWhichJobsAll)
dim lines(-1) as string
```

```
for each j as CUPSJobMBS in jobs
lines.Append j.User
next
```

```
MsgBox Join(lines,EndOfLine)
```

Notes: (Read and Write property)

Chapter 3

List of all classes

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Chapter 4

List of all modules

- CUPSMBS

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