How to - Set a Specific Printer in a BBjForm Program

In BBj programs where you are creating your own BBjForm (or BBjPDFForm) object, you can determine the printers available to the client system and pre-set the desired printer.

The following code can be used to get a list of installed printers:

```
services! =
java.util.Arrays.asList(java.awt.print.PrinterJob.lookupPrintServices())
```

The above returns an array. The printer names can be retrieved from the array with the getName() method:

```
for i=0 to services!.size() -1
      print services!.get(i).getName()
next i
```

You can let the user select from the list, or perhaps match one of the printers to a pre-defined printer that you've established for a given task (i.e., check printing).

In your BBj program, you can use the getBBjPrinter() method to return the default printer, and use the preview() method to render the document in the BASIS print preview window, from which the user can print using the standard print dialog, as shown here (this is the current method used for Addon BBjForm-based documents):

```
    myBBjPrinter! = BBjAPI().getBBjPrinter(1,err=*next)
    if myBBjPrinter! = null()
        msg_id$ = "AD_NOPRINTER"
        gosub disp_message
        goto std_exit
 . . .endif

  docPrint!.preview()
```

Alternatively, using the information from the services! array, and the getName() method, you can assign a specific printer and send the document directly to the device rather than the preview window using code similar to this example:

```
    services_str$=services!.get(0).getName();rem default
    for x=0 to services!.size()-1
      services_str$=services!.get(x).getName()
      if services_str$=<desired_printer_name> then break
    next x

    myBBjPrinter! = BBjAPI().getBBjPrinter(services_str$,1,err=*next)
    if myBBjPrinter! = null()
```

```
            msg_id$ = "AD_NOPRINTER"
            gosub disp_message
            goto std_exit
        endif
. . .
    docPrint!.print()
```