

ibec_Exec

Syntax

```
function ibec_Exec(CommandLine : string; Options : string;  
CallbackBlock : string) : variant;
```

Description

The `ibec_Exec` function runs the specified application.

Parameters

CommandLine	The command line (filename plus optional parameters) for the application to be executed.
Options	String containing additional options delimited with semicolon; possible options are:
OutFile=<file_name>	Name of the file where the output of the application will be stored.
ConvertToANSI	If specified, the output will be translated from the OEM-defined character set into an ANSI string.
CallbackBlock	A callback IBEBlock which will be executed for each output line. The callback <code>IBEBlock</code> must have at least one input parameter, which will be used to pass an output line within it. If there is no callback block use <code>NULL</code> or an empty string as a value of this parameter.
NoWait	If specified, the callback block and the <code>OutFile</code> option will be ignored. <code>ibec_Exec</code> with the <code>NoWait</code> option just starts the process and returns immediately.
ShowWindow/HideWindow	By default the <code>ibec_Exec</code> function creates the process with a hidden window, if the <code>NoWait</code> option is not specified. Use the <code>ShowWindow</code> option if you don't need to hide the process window.

Example

The following example uses the `ibec_Exec` function to [restore a database](#) from a backup copy using `GBAK.EXE`:

```
execute ibeblock  
as  
begin  
  
    cbb = 'execute ibeblock (LogStr variant)  
        as  
        begin  
            ibec_Progress(LogStr);  
        end';
```

```
res = ibec_Exec('C:\Program Files\Firebird\Bin\gbak.exe
               -r -v -rep -user SYSDBA -pas masterkey
               E:\test_db.fbk E:\test_db.fdb',
               'OutFile=E:\Restore.log; ConvertToANSI', cbb);

if (res = 0) then
  ibec_ShowMessage('Restore process completed successfully');
else
  ibec_ShowMessage('Restore process failed with exit code = '||res);
end
```

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