

Accessing the input and return parameters when executing in a batch file

For example, you wish to create a difference script, executing from your application using the [ibec_CompareMetadata\(\)](#) function and the names of the database files as input parameter.

There is no built-in way to request IBEBlock input parameters. You can however create your own input form and after this compose an IBEBlock with a set of [ibec_GetGlobalVar](#) functions that should be executed before the main script:

```
execute ibeblock
as
begin
  ibec_SetGlobalVar('MyIntValue', 123);
  ibec_SetGlobalVar('MyStrValue', 'bla-bla');
  ...
end;
```

Your main IBEBlock should initialize variables using the [ibec_GetGlobalVar](#) function:

```
execute ibeblock
as
begin
  Var1 = ibec_GetGlobalVar('MyIntValue', 0);
  Var2 = ibec_GetGlobalVar('MyStrValue', '');
  ...
end;
```

Regarding output parameters... the only way to pass a value from IBEBlock into your application is to use the [ibec_Progress](#) function. Also you have to use the ExecScriptText2/ExecScriptFile2 functions of [IBEScript.dll](#) instead of [ExecScriptText/ExecScriptFile](#):

```
procedure ExecScriptFile2(AScriptFile : PChar;
                          AErrorCallbackFunc : TScriptErrorCallbackFunc;
                          ABeforeCallbackFunc : TScriptBeforeExecStatementFunc;
                          AAfterCallbackFunc : TScriptAfterExecStatementFunc;
                          AIBEBlockProgressFunc : TScriptIBEBlockProgressFunc);

procedure ExecScriptText2(AScriptText : PChar;
                          AErrorCallbackFunc : TScriptErrorCallbackFunc;
                          ABeforeCallbackFunc : TScriptBeforeExecStatementFunc;
                          AAfterCallbackFunc : TScriptAfterExecStatementFunc;
                          AIBEBlockProgressFunc : TScriptIBEBlockProgressFunc);
```

TScriptIBEBlockProgressFunc = function (AProgressMessage : PChar) : integer; You have to call [ibec_Progress](#) function from within your IBEBlock and pass a string representation of any value including necessary additional data. In your application you should catch this string using an IBEBlock progress function and do what you need.

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