

IBECallFBShutdown environment variable

FB 2.5 introduced a new [API](#) function `fb_shutdown` that clients should call before unloading (FreeLibrary) `fbclient.dll` when they don't need it anymore. In some cases this may cause unexpected problems such as a “connection shutdown” error.

Usually this may happen when your client application and `IBEScript.dll` share the same client library (`fbclient.dll`). In this case `IBEScript.dll` doesn't know that your application needs `fbclient.dll` and calls `fb_shutdown` before `FreeLibrary`.

Also sometimes `FreeLibrary` cannot unload `fbclient.dll` as expected and it remains in the client process memory but already in the shutdown state. To avoid such problems we implemented the `IBECallFBShutdown` environment variable which controls the necessity to call the `fb_shutdown` function. You can set value of this variable to `FALSE` to avoid calling the `fb_shutdown` function.

Example

```
execute ibeblock
as
begin
    DB = ibec_CreateConnection(...);
    ...
    ibec_SetEnvironmentVariable('IBECallFBShutdown', FALSE);
    ibec_CloseConnection(DB);
end
```

In this case `fb_shutdown` will not be called after disconnect.

This workaround is for Firebird 2.5 only, it is not necessary to use it with Firebird 3.

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