

ibec_RegisterFBCryptKey

Description

No additional description...

Syntax

```
function ibec_RegisterFBCryptKey(KeyName : string; KeyData : string;
FBCryptDLLPath : string) : integer;
```

The `ibec_RegisterFBCryptKey` function registers a key to allow work with an encrypted Firebird database (Firebird 3).

Parameters

KeyName	The key name should match the one used in the ALTER DATABASE ENCRYPT WITH "DbCrypt" KEY NAME operator.
KeyData	Key bytes sequence.
FBCryptDLLPath	Currently not used, reserved for future use.

There are three ways to specify the key bytes sequence:

- `ibec_RegisterFBCryptKey('Red', 'eca1$52$f6$4d$27da93...', '')`
- `ibec_RegisterFBCryptKey('Green', '0xab,0xd7,0x34,0x63,0xae,0x19,...', '');`
- `ibec_RegisterFBCryptKey('Raw', 'just a plain string', '');`

It is possible to register more than one key (they should have different names).

The `ibec_RegisterFBCryptKey` function registers a key within the IBExpert/IBEScript process. Specified keys will be registered on the server if the key not set error appears when connecting to a database.

`ibec_RegisterFBCryptKey` requires `FBCrypt.dll` on the client side. `DBCrypt.dll` and `KeyHolder.dll` (plugins) should be installed and configured on the server side.

There are several ways to call `ibec_RegisterDBCryptKey` before connecting to a database:

- Include it into the `//After IBExpert Starts script// (//Options / Environment Options//)`.
- Include it into the `//Before Connect Script//` of a database (`//Database Registration Info//`).
- Include it into the `After //IBExpert Starts//` event block (`//DB Explorer / Blocks / Create/Edit event block//` in the context menu).

Example

- [DBEncryption Plugin for Firebird 3.0 / Encrypt db](#)

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