

ibec_ShutdownDatabase

Description

No additional description...

Syntax

```
function ibec_ShutdownDatabase(Database : string; Options : string) :
variant;
```

ibec_ShutdownDatabase performs a shutdown of the database specified with the Databaseparameter (connection string for the database) using the Firebird Services API.

The Options variable specifies additional connect and shutdown parameters:

Connection Options

User=<user_name>	User Name
Password=<password>	Password
ClientLib=<path>	Path to the client library file
ExpectedDB	See Example 6 below.

Shutdown Options

Wait=<seconds>	Timeout in seconds	
DenyTransaction	DenyAttachment	Shutdown Action
Mode=<mode>	Shutdown mode. Possible values are Multi, Single and Full. If Mode is not specified Multi will be used by default. This option is available for Firebird 2.5 and above.	

ibec_ShutdownDatabase returns NULL in case of success. Otherwise it returns an error message.

Examples

1. Shutdown a database aborting all connections and transactions

```
Res = ibec_ShutdownDatabase('localhost:d:\data\mydb.fdb',
                             'ClientLib="d:\FBclientLibs\fbclient25.dll";
                             User=SYSDBA; Password=masterkey');
```

2. Shutdown a database preventing new connections

```
Res = ibec_ShutdownDatabase('localhost:d:\data\mydb.fdb',
```

```
'ClientLib="d:\FBclientLibs\fbclient25.dll";  
User=SYSDBA; Password=masterkey;  
DenyConnection');
```

3. Shutdown a database preventing new transactions

```
Res = ibec_ShutdownDatabase('localhost:d:\data\mydb.fdb',  
                             'ClientLib="d:\FBclientLibs\fbclient25.dll";  
                             User=SYSDBA; Password=masterkey;  
DenyTransaction');
```

4. Shutdown with timeout 1 minute

```
Res = ibec_ShutdownDatabase('localhost:d:\data\mydb.fdb',  
                             'ClientLib="d:\FBclientLibs\fbclient25.dll";  
                             User=SYSDBA; Password=masterkey; Wait=60');
```

5. Shutdown and don't allow any connections from anyone, even SYSDBA or the database owner.

```
Res = ibec_ShutdownDatabase('localhost:d:\data\mydb.fdb',  
                             'ClientLib="d:\FBclientLibs\fbclient25.dll";  
                             User=SYSDBA; Password=masterkey; Mode=Full');
```

6. Using ExpectedDB

```
Res = ibec_ShutdownDatabase('localhost:d:\mydb.fdb',  
                             'ClientLib=C:\Program Files (x86)\HK-  
Software\IBExpert\firebird3\fbclient.dll;  
                             Password=masterkey; User=SYSDBA;  
                             ExpectedDB=d:\mydb.fdb');
```

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Last update: **2023/07/06 03:59**

