

ibec_WaitForEvent

The `ibec_WaitForEvent` function can be used to monitor [events](#) sent by the `POST_EVENT` command. It returns the event name if an event is fired or `NULL` if timeout is expired.

Syntax

```
function ibec_WaitForEvent(Connection : variant; EventName : string;  
Timeout : cardinal) : variant;
```

Timeout should be specified in milliseconds. Timeout = 0 means infinitely waiting for event!

Example

Let's create triggers in our database which will post event

```
CREATE TRIGGER tr1 FOR customer  
ACTIVE AFTER INSERT POSITION 0  
AS  
BEGIN  
POST_EVENT 'new_customer';  
END  
CREATE TRIGGER tr2 FOR customer  
ACTIVE AFTER UPDATE POSITION 0  
AS  
BEGIN  
IF (new.FIRSTNAME <> old.FIRSTNAME) THEN  
POST_EVENT 'FIRSTNAME_changed';  
END
```

Now we can check for that event in following example, with timeout of 10 sec specified for testing:

```
execute ibeblock  
as  
begin  
try  
FBSrc =  
ibec_CreateConnection(__ctFirebird, 'DBName="localhost:D:\MYDB.FDB";  
ClientLib=fbclient.dll;  
user=SYSDBA; password=masterkey;  
names=UTF8; sqldialect=3');  
  
Res = ibec_WaitForEvent(FBSrc, 'FIRSTNAME_changed', 100000);  
if (Res is not null) then  
ibec_ShowMessage(Res);
```

```
finally  
    ibec_CloseConnection(FBSrc);  
end;  
end
```

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