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## STATEMENT

Posted by [CyberMax](#) on Sun, 09 Jul 2023 23:22:23 GMT

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```
EXECUTE BLOCK
RETURNS (TEXT_EXCEPTION VARCHAR(1024))
AS
BEGIN
    BEGIN
        EXECUTE STATEMENT 'execute block as begin EXCEPTION EXC$CHECK_DATA "there
exception"; end';
    END
    WHEN ANY DO
    BEGIN
        :TEXT_EXCEPTION = RDB$ERROR(MESSAGE);
        SUSPEND;
    END
END
```

```
exception 2
EXC$CHECK_DATA
There exception
At block line: 1, col: 24
At block line: 6, col: 9
```

```
EXECUTE BLOCK
RETURNS (TEXT_EXCEPTION VARCHAR(1024))
AS
BEGIN
    BEGIN
        EXECUTE STATEMENT 'execute block as begin EXCEPTION EXC$CHECK_DATA

    END
    WHEN ANY DO
    BEGIN
        :TEXT_EXCEPTION = RDB$ERROR(MESSAGE);
        SUSPEND;
    END
END
```

Arithmetic overflow or division by zero has occurred.

arithmetic exception, numeric overflow, or string truncation.  
Cannot transliterate character between character sets.  
At block line: 10, col: 9.

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STATEMENT

Posted by [Dmitry Kovalenko](#) on Mon, 10 Jul 2023 06:58:32 GMT

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EXECUTE BLOCK

RETURNS (TEXT\_EXCEPTION VARCHAR(1024) CHARACTER SET NONE)

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STATEMENT

Posted by [CyberMax](#) on Mon, 10 Jul 2023 07:06:41 GMT

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STATEMENT

Posted by [Dmitry Kovalenko](#) on Mon, 10 Jul 2023 07:19:19 GMT

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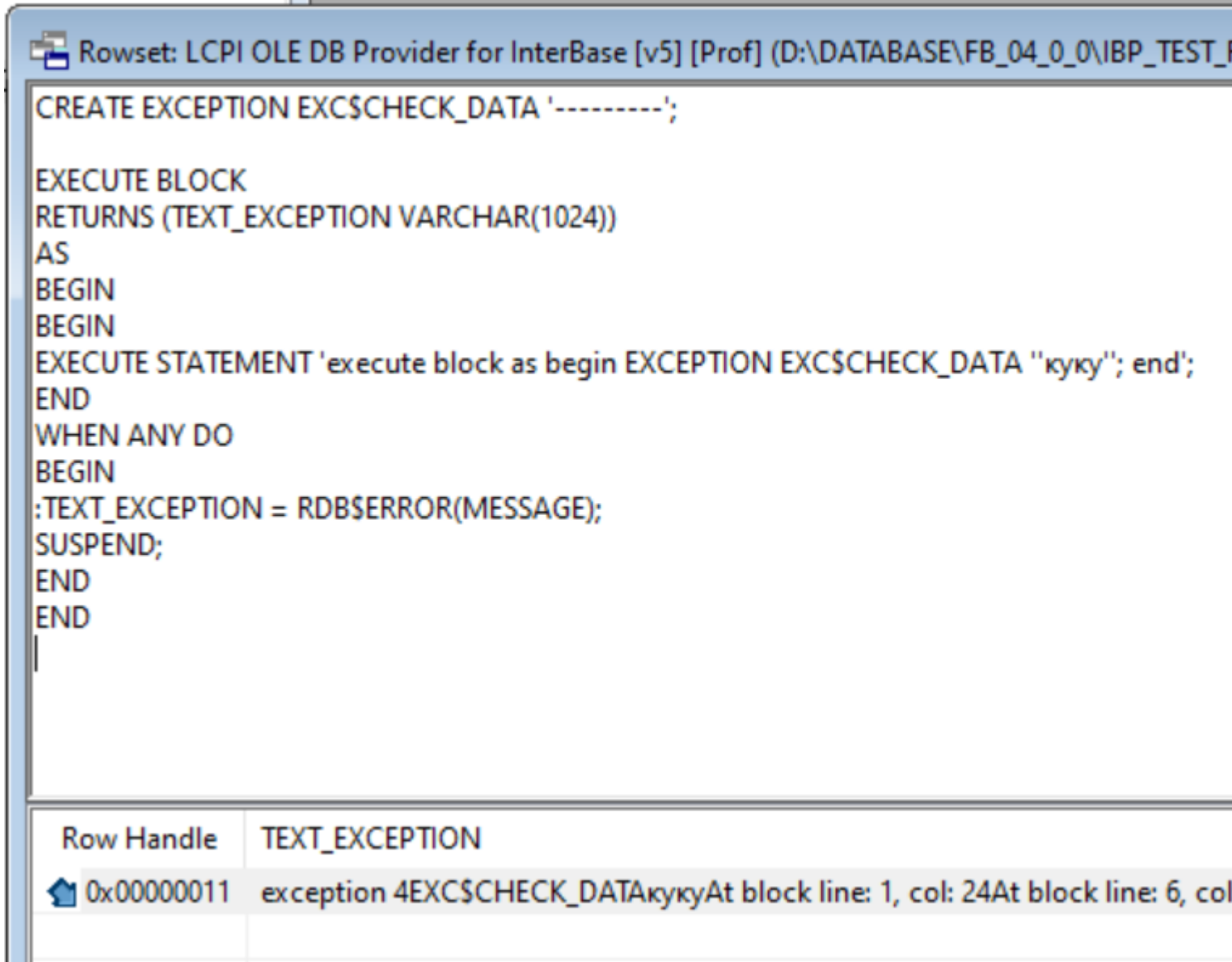
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## File Attachments

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1) 2023\_07\_10-001--fb4-exception.PNG, downloaded 2677 times



The screenshot shows a database query window with the following SQL code:

```
CREATE EXCEPTION EXC$CHECK_DATA '-----';  
  
EXECUTE BLOCK  
RETURNS (TEXT_EXCEPTION VARCHAR(1024))  
AS  
BEGIN  
BEGIN  
EXECUTE STATEMENT 'execute block as begin EXCEPTION EXC$CHECK_DATA "кыкы"; end';  
END  
WHEN ANY DO  
BEGIN  
:TEXT_EXCEPTION = RDB$ERROR(MESSAGE);  
SUSPEND;  
END  
END  
|
```

Below the code, a table displays the execution result:

Row Handle	TEXT_EXCEPTION
0x00000011	exception 4EXC\$CHECK_DATAкыкыAt block line: 1, col: 24At block line: 6, col: 1

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STATEMENT

Posted by [Dmitry Kovalenko](#) on Mon, 10 Jul 2023 07:47:08 GMT

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\_utf8.

## File Attachments


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1) [2023\\_07\\_10-002--fb4-exception.PNG](#), downloaded 2586 times



Rowset: LCPI OLE DB Provider for InterBase [v5] [Prof] (D:\DATABASE\FB\_04\_0\_0\IBP\_TEST\_F

```
EXECUTE BLOCK
RETURNS (TEXT_EXCEPTION VARCHAR(1024) CHARACTER SET UTF8)
AS
BEGIN
BEGIN
EXECUTE STATEMENT _utf8 'execute block as begin EXCEPTION EXC$CHECK_DATA "кыкы"; en
END
WHEN ANY DO
BEGIN
:TEXT_EXCEPTION = RDB$ERROR(MESSAGE);
SUSPEND;
END
END
```

Row Handle	TEXT_EXCEPTION
 0x00000011	exception 4EXC\$CHECK_DATAкыкыAt block line: 1, col: 24At block line: 6, col:

2) [2023\\_07\\_10-003--fb4-exception.PNG](#), downloaded 2673 times



Rowset: LCPI OLE DB Provider for InterBase [v5] [Prof] (D:\DATABASE\FB\_04\_0\_0\IBP\_TEST\_F

```
EXECUTE BLOCK
RETURNS (TEXT_EXCEPTION VARCHAR(1024) CHARACTER SET WIN1251)
AS
BEGIN
BEGIN
EXECUTE STATEMENT _utf8 'execute block as begin EXCEPTION EXC$CHECK_DATA "кыкы"; en
END
WHEN ANY DO
BEGIN
:TEXT_EXCEPTION = RDB$ERROR(MESSAGE);
SUSPEND;
END|
END
```

Row Handle	TEXT_EXCEPTION
0x00000011	exception 4EXC\$CHECK_DATAкыкыAt block line: 1, col: 24At block line: 6, col:

3) [2023\\_07\\_10-004--fb4-exception.PNG](#), downloaded 2700 times

```
EXECUTE BLOCK
RETURNS (TEXT_EXCEPTION VARCHAR(1024))
AS
BEGIN
BEGIN
EXECUTE STATEMENT _utf8 'execute block as begin EXCEPTION EXC$CHECK_DATA "күкү"; en
END
WHEN ANY DO
BEGIN
:TEXT_EXCEPTION = RDB$ERROR(MESSAGE);
SUSPEND;
END
END
```

Row Handle	TEXT_EXCEPTION
0x00000011	exception 4EXC\$CHECK_DATA <span style="border: 1px solid red; padding: 2px;">€CfP€CfA</span> t block line: 1, col: 24At block line:

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### STATEMENT

Posted by [Dmitry Kovalenko](#) on Mon, 10 Jul 2023 08:39:35 GMT  
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---

```
EXECUTE BLOCK
RETURNS (TEXT_EXCEPTION VARCHAR(1024))
AS
BEGIN
BEGIN

end';
END
WHEN ANY DO
BEGIN
:TEXT_EXCEPTION = CAST(RDB$ERROR(MESSAGE) AS VARCHAR(512) CHARACTER SET
NONE);
```

```
SUSPEND;  
END  
END
```

```
EXC$CHECK_DATA
```

```
At block line: 1, col: 24
```

```
At block line: 6, col: 1
```

---

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STATEMENT

Posted by [Dmitry Kovalenko](#) on Mon, 10 Jul 2023 08:57:42 GMT

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---

```
EXECUTE BLOCK  
RETURNS (TEXT_EXCEPTION VARCHAR(1024))  
AS  
BEGIN  
BEGIN  
EXECUTE STATEMENT _win1251 'execute block as begin EXCEPTION EXC$CHECK_DATA  
  
END  
WHEN ANY DO  
BEGIN  
:TEXT_EXCEPTION = RDB$ERROR(MESSAGE);  
SUSPEND;  
END  
END
```

EXC\$CHECK\_DATA

At block line: 1, col: 24

At block line: 6, col: 1

EXC\$CHECK\_DATA

At block line: 1, col: 24

Cannot transliterate character between character sets

At block line: 10, col: 1

EXC\$CHECK\_DATA

At block line: 1, col: 24

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