

ISO 8583 Decoder

(MySQL User-Defined Function)

ISO 8583 Decoder User-Defined Function

This application will enable MySQL to handle ISO8583 message fields and retrieves the data elements.

Installing ISO 8583 UDF

Install Manually:

1. Copy `iso8583_UDF.dll` into `\bin` folder of your Installed MySQL Server
2. Logon to MySQL as Root and run this SQL Script:

```
DROP FUNCTION IF EXISTS ISO8583;  
CREATE FUNCTION ISO8583 RETURNS STRING SONAME 'iso8583_UDF.dll';
```

3. The ISO 8583 Decoder UDF is installed and ready to use.

Using Installer:

1. Run Installer in the server where the MySQL Server reside.
2. Input password for root, click install.

Function Syntax

```
ISO8583( ISOMessage , BitNumber [ , ISOVersion ] )
```

ISOMessage	<p>This argument holds the input for ISO 8583 function. The input can be a string format or you can directly put the field's name contain ISO 8583 message.</p> <p>Example:</p> <pre>SELECT ISO8583("0800822000000000000000040000000000000627031852015537301",7); SELECT ISO8583(ISO_Field,2) FROM TestTable;</pre>
BitNumber	<p>This argument holds the input for data element number to be extracted from message. The valid value for this argument is:</p> <ul style="list-style-type: none">0 Function will return Message Type of the ISO8583 message1 Function will return Bitmap of the ISO8583 message2 to 128 Function will return ISO8583 Data Element
ISOVersion	<p>This is optional argument to specify ISO 8583 format version. Without this argument, the function will use ISO 8583-1:1987 version for processing the message. The valid value for this argument is:</p> <ul style="list-style-type: none">1 ISO 8583-1:1987 version (Default)2 ISO 8583-2:1993 version