

Ffenics error messages

Ffenics can produce several types of error messages. Ffenics uses a database engine called PRISM, which can produce error messages by itself. It can also return errors to Ffenics, and Ffenics also produces error messages. This can sometimes result in the same error being reported in more than one way, although we try to avoid these occurrences.

In addition, third party products (such as ELF's, external data sources or even the operating system) may produce error messages that appear to come from Ffenics but these are not covered within this document. In addition, if you are using an application developed for you, the application developer may have added extra error messages. Below are some clues which may help you to determine where an error message comes from, in case of doubt.

1) General format of error messages

There are four basic types of error messages displayed:

a) Ffenics direct error messages :

These are displayed in a message box with a caption, usually the caption indicates the general area of the problem and the message describes the actual problem.

The default caption is **Error Message – Ffenics**

b) PRISM API error codes:

These have a caption of **'Error Message – DPE'**.

DPE means a DbCity PRISM Error.

The message is usually formatted:

`Error nnn <context> - PRISM error text`

Where the number is the DPE code, the context is supplied by Ffenics to describe the operation being undertaken, and the error text is as listed in the table in section 3 below.

c) PRISM direct error messages:

These have a caption of **'Error Message – PRISM'** when sent to a message box.

These errors will be redirected to a log file if they occur in a report or procedure. Currently, messages from the SQL Adaptor layer in PRISM (which produces generic SQL for accessing external data sources) are also produced in this format.

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These messages are detailed in the table in section 4 below.

d) Engine (Connect) messages:

Messages from the connect modules (engines) that create the links to external data sources sometimes have to report errors that originate from the software that is responsible for the remote data source, or from the third party driver or provider that completes the link. These have different formats depending on the engine in use.

For ODBC they are formatted as follows:

```
"ODBC ERROR: %s      NATIVE ERROR: %ld\n%s",
```

Where the first parameter is the ODBC Driver error, and the second and third are the data source's native software's error number and error description.

And for OLE DB as follows:

```
"<provider name> : <error description>",
```

Where the provider name is the name of the actual data source and error description is the source provided description.

In both cases it will be necessary to refer to the documentation for the data source software or the ODBC driver or the OLE_DB provider in order to get more detailed explanations of the errors.