Subject: Re: Oracle RefCursor and Stored Procedure
Posted by mirek on Tue, 22 Apr 2014 12:28:01 GMT
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aksdb wrote on Tue, 22 April 2014 09:26I was wrong: RawToValue is necessary. However something is wrong there.

I added some debug output to "void OCI8Connection::SetParam(int i, const Value& q)":
Cout() << Format("Type is 0x%X (%s)", (int)q.GetType(), q.GetTypeName()) << EOL;

This results in:
Type is 0x8000000 (N3Upp11RawValueRepIPNS_3SqlEEE)

Obviously, this means that type is != UNKNOWN_V, so we run into the assertion "NEVER();".

Just for the sake of testing it, I moved the relevant check (if(IsTypeRaw<Sql *>(q)) ...) into the default case. This will at least make the Oracle call succeed and I also get a result set I can iterate on, however when the application closes, I get a report about a heap corruption:
Heap is corrupted --memory-breakpoint__ 1189

Something's very wrong here, I'm afraid.

Removing case UNKNOWN_V is absolutely correct; it looks like nobody ever used this code snippet for a very long time.
Personally, I am only using Oci7 part of Oracle package. Change is now commited.

It is also possible that the heap corruption was there since the day one, only that it now gets detected:)

However, is not it possible that the heap corruption is somehow caused by your app? If it is simple test, can you post it here?

Mirek