
Subject: Re: Using SQL databases from IDL?

Posted by [lecacheux.alain](#) on Wed, 28 Nov 2012 09:15:21 GMT

[View Forum Message](#) <> [Reply to Message](#)

Le mardi 27 novembre 2012 22:27:34 UTC+1, Bogdanovist a écrit :

> Thanks for the replies. Indeed it looks like using the IDL Java bridge is the best bet. This is actually convenient as I have a colleague who works on the same data using Java code. Does anyone have a sense of the computational overheads involved in this? I have some tasks that run in near real time and need to stay lean in order to 'keep up' with the walltime. If I replace text file I/O using standard IDL readf/printf with DB access using the Java bridge, is this likely to be significantly slower?

I think that the overhead due to using IDL bridge should be negligible with respect to writing over the network (remote database) or to disk (in case of local database).

But some issue can arise from the fact that usual databases do not guarantee *real-time* accessibility: at a given time, even in case of non concurrent access (single user) some database engines can temporarily get busy by demanding tasks like garbage collecting or index reorganizing.

alain.
