
Subject: DataMiner?

Posted by [SSO](#) on Wed, 14 Aug 2002 13:28:05 GMT

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Hi,

I'm wondering if anybody has experience with using DataMiner on 64 bits computers (Sun Solaris sparc stations)? According to the specifications it's only for 32 bits machines, but some think that it may work still on 64.

Next, a rather general question, but I just wonder what's the main advantages of using (and buying) DataMiner compared to making SQL calls (and C-routines) and idl programs separately and just link them together by "spawn"? Computational speed?

Sverre Solberg

Subject: Re: Dataminer?

Posted by [nando](#) on Fri, 15 Oct 2004 13:09:27 GMT

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Hi Michael.

I'm using DM by a number of months.

It is surely true your code can *appear* easier, but you have to consider your performance constraints (if any).

For example, if you need to query a large number of scalar values, e.g. they are stored in the DB as a field of a record, the DB returns an object (IDLdbRecordset) and you have to loop on that via a number of methods as hereafter:

```
myData = dblarr(N)
```

```
For i=0, n-1 do begin ;alternately a while statement checking for the error  
on method move execution, if you don't know the number of elements
```

```
    err = obj->move(/next);go to the next record. obj is your  
record-set after a query ()
```

```
    record = obj->getRecord()
```

```
    myData[i] = record.data
```

```
endfor
```

It is clear that if you have a large number of data, this approach is very time expensive.

On the other side, I think it is a very good add-on for interactive aspects when no large dataset must be treated. An estimation of 'large' does not make sense (platform, code effectiveness etc.).

If you already have your database up, it is very simple to write a little procedure to test the performance on your system.

Using a trial license of idl you can test this in 15mins.

Have a good work,
Nando.

"Michael Wallace" <mwallace.no.spam@no.spam.swri.edu.invalid> ha scritto nel
messaggio news:10mnvbh1v8g3404@corp.supernews.com...

> Has anyone used the Dataminer add-on to IDL? If so, what did you think
> of it? We're looking into buying it, but just wondering if it's really
> worth it. In our current setup, we interact with our databases in
> external code and when IDL is needed to plot or do something, we spawn
> it into action. Some tasks **appear** that they might be a little easier
> if all the code could be kept in IDL. Any experiences? Lessons
> learned? War stories?
>
> -Mike
