
Article

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Using Class Queries - %SQL.Statement versus %Library.ResultSet

If I have defined a class query in one of my classes and I want to use that query from a method of another class, what are the pros and cons of using the %SQL.Statement interface versus the %Library.ResultSet interface?

I believe %SQL.Statement is the newer interface.

So if the old way is:

```
USER>s rs=##class(%Library.ResultSet).%New("%Library.File:FileSet")

USER>s sc=rs.Execute("c:\s\","*.txt")

USER>w sc
1
USER>while rs.%Next() {w !,rs.Data("Name")}

...
```

then the new way is:

```
USER>s oStmt=##class(%SQL.Statement).%New()

USER>s sc=oStmt.%PrepareClassQuery("%Library.File","FileSet")

USER>w sc
1
USER>s oResult=oStmt.%Execute("c:\s\","*.txt")

USER>while oResult.%Next() {w !,oResult.%Get("Name")}

...
```

One drawback of the %SQL.Statement way is that it's harder for code analyzers such as [Yuzinji](#) to find the dependency between the calling method and the class query it uses.

Opinions welcome.

[#Cache](#) [#SQL](#)

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