

Announcement

[Henry Pereira](#) · Mar 27, 2020

[Open Exchange](#)

Give it a try on SQLBuilder tool

SQLBuilder is a flexible and powerful SQL query string builder for InterSystems IRIS,

With SQLBuilder you have nice and clean object oriented methods, instead of having to use concatenation and substitution to generate dynamic queries.

A Dynamic SQL without SQLBuilder

```
Class oldWay.Search
{

ClassMethod FilterBy(Name As %String = "", Age As %Integer = "") As %Status
{
    Set myquery = "SELECT TOP 5 Id, Name, Age, SSN FROM Sample.Person"
    Set where = "", value = ""
    If (Name '= "") {
        Set where = where _ " Name %StartsWith ? "
        Set value = Name
    }

    If (Age '= "") {
        Set:(where '= "") where = where_"AND "
        Set where = where _ " Age >= ?"
        Set value = Age
    }

    Set:(where '= "") where = " where "_where
    Set tStatement = ##class(%SQL.Statement).%New()
    Set qStatus = tStatement.%Prepare( myquery_where )
    Set rset = tStatement.%Execute( value )

    Do rset.%Display()
}
}
```

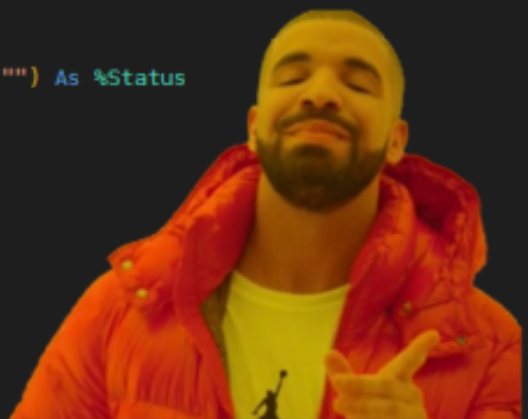


A Dynamic SQL with SQLBuilder

```
Class newWay.Search
{

ClassMethod FilterBy(Name As %String = "", Age As %Integer = "") As %Status
{
    Set rset = ##class(gen.SQLBuilder).%New("Sample.Person")
        .Select("Id, Name, Age, SSN")
        .Top(5)
        .WhereIf(Name '= "", "Name %StartsWith ? ", Name)
        .WhereIf( Age '= "", "Age >= ? ", Age)
        .Execute()

    Do rset.%Display()
}
}
```



Give it a try on SQLBuilder tool

Published on InterSystems Developer Community (<https://community.intersystems.com>)

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Source URL: <https://community.intersystems.com/post/give-it-try-sqlbuilder-tool>