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## Discussion

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## Rule to validate SQL syntaxis

Hi! We have received a [request](#) to create a new rule on [CacheQuality](#) to identify when a developer uses double quotes ( " ") within any SQL statement.

We have been asked many times about SQL validation rules, and we would like to open a debate to allow everyone discuss what would you like to be checked on a SQL statement.

Current examples are for basic situations:

- Using SQL.Statement class:

```
Set stmt = ##CLASS(%SQL.Statement).%New()  
Set query = "Select Val1, Val2 FROM Table WHERE Val1=""SomeCondition"""
```

- Using embedded SQL

```
&SQL(SELECT Val1, Val2  
      INTO :val1, :val2  
      FROM Table  
      WHERE Val1="SomeCondition")
```

- Ideally these should be :

```
Set stmt = ##CLASS(%SQL.Statement).%New()  
Set query = "Select Val1, Val2 FROM Table WHERE Val1='SomeCondition'"  
  
&SQL(SELECT Val1, Val2  
      INTO :val1, :val2  
      FROM Table  
      WHERE Val1='SomeCondition')
```

All your feedback/explanations/requests are welcome!!

[#Coding Guidelines](#) [#Development Environment](#) [#SQL](#) [#Cache](#)

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