Question
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Is it possible to receive Oracle Object Type as an output from stored procedure? (java.sql.Types STRUCT)

Hello everyone!

I am writing a SQL CALL (using JDBC) to a stored procedure that outputs a structured object (Oracle Object).

However, the adapter method is not accepting the corresponding JDBC Data Type **STRUCT** for the output parameter, returning the following error:

> *ERRO #5023: Erro no Gateway Remoto: JDBC Gateway SP execute(0) error 0: Remote JDBC error:*
> *ORA-06550: line 1, column 7:*
> *PLS-00306: wrong number or types of arguments in call to 'AGUARDAR_EVENTO'*
> *ORA-06550: line 1, column 7:*
> *PL/SQL: Statement ignored*

Declaration of Output parameter:

```
Set tParams(1, "SqlType") = $$$SqlJStruct
Set tParams(1, "IOType") = $$$SQLPARAMOUTPUT
```

According to the documentation, **STRUCT** Interface has not been implemented yet.

Optional java.sql Interfaces

All optional **java.sql** interfaces are listed below. Italicized items are not implemented:

- java.sql.Array

- **java.sql.Blob** — all methods fully supported.

- **java.sql.Clob** — all methods fully supported.

- **java.sql.NClob** — all methods fully supported.

- java.sql.Ref

- **java.sql.RowId** — all methods fully supported.

- **java.sql.Savepoint** — all methods fully supported.

- java.sql.SQLData

- java.sql.SQLInput

- java.sql.SQLOutput

- java.sql.SQLXML

- java.sql.Struct

To retrieve a parameter typed as an Oracle Object, would I have to implement this interface as well?

#Interoperability #JDBC #SQL #InterSystems IRIS
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