


## FAQ ??????--???? ?SQL Outbound Adapter??Oracle??????CLOB?????

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[Lele Yang](#) · ??13  ????? 2 ??

## FAQ ??????--???? ?SQL Outbound Adapter??Oracle??????CLOB?????

?????????Business Operation??SQL Outbound  
Adapter??Oracle?????????CLOB????????????????????????????????????

?????????????????Business Operation??

```
set pIn = 4
set pIn(1) = "aaaa"
set pIn(1,"IOType") = 1 // 1?input , 4:output
set pIn(1,"SqlType") = 12 // 12: varchar

set pIn(2,"IOType") = 4
set pIn(2,"SqlType") = 4 // 4: integer

set pIn(3,"IOType") = 4
set pIn(3,"SqlType") = 12

set pIn(4,"IOType") = 4
set pIn(4,"SqlType") = 2005 // CLOB
set pIn(4,"LOB") = 1

set tQuery = "{ call test_hc(?,?,?,?) }" /// the first one parameter is input parame
ter, the last three are all output parameters.

set tSC = ..Adapter.ExecuteProcedureParmArray(.tRS,.pOut,tQuery,"iooo",.pIn)

set cnt = pOut.Count()

// you will get this stream data
if cnt >1
{
  for i=1:1:cnt
  {
    set ov = pOut.GetAt(i)
    $$$TRACE("pOut("_i_")="_ov)

    /// the third one is the CLOB output.
    if (i = 3)
    {
      while 'ov.AtEnd
      {
        $$$TRACE(ov.Read())
      }
    }
  }
}
```

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```
}  
}
```

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1. test\_hc?Oracle????, ???CLOB???
2. ?????????????????????Stream.GlobalCharacter??Stream?????????  
?
3. ??IOType?in: 1, out:4, both:2
4. ??SqlType????????????12?vvarchar?4:integer, 2005: CLOB, 2004: BLOB,  
?????????????Routine?EnsSQLTypes.INC?

## [#SQL #?????? \(WRC\)](#)

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