



# Tech Info Library

## ABS Tech Note: DAL33 IN Clause Limitations (9/93)

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TOPIC -----

This article describes IN clause limitations.

DISCUSSION -----

The following code shows a limitation in DAL (all releases through 1.4) when using the SQL IN verb in a DAL procedure. As DAL is currently implemented, you can't pass a parameter to a DAL procedure and use it in the IN clause:

```
procedure testit(inclause)
argument varchar inclause;
{
print inclause;

op;
select * from emp where empno in (inclause);
printall;

}
```

and the following calling sequence:

```
testit('3476,1556')
```

this should resolve itself to:

```
select * from emp where empno in (3476, 1556);
```

which is a legal SQL statement (and works). Trying to do this from a procedure, however, returns the error:

```
ORA-01722: invalid number.
```

under A/UX (oracle 7.0), and

```
•Error: incompatible operands for operator (-401)
"network", line 1 : DSNT408I SQLCODE = -401, ERROR: THE OPERANDS OF AN
ARITHMETIC OR COMPARISON OPERATION ARE NOT COMPARABLE
```

DSNT415I SQLERRP = DSNXODTI SQL PROCEDURE DETECTING ERROR

under DB2.

This limitation will be removed in a future version of DAL.  
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Keywords: <None>

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