
Question

[Jairton Junior](#) · Feb 19, 2021

Is there a "SELECT LASTSERIAL()?"

When using "IDENTITY" as my primary key, I can select the last inserted ID with

```
SELECT LASTIDENTITY() FROM %TSQLsys.snf;
```

Actually this is how Hibernate + Iris' Driver acquires the inserted ID when mapping with

```
@GeneratedValue(strategy = GenerationType.IDENTITY)
```

Now, considering that I am using the type "SERIAL" as my primary key instead, how can I get the last inserted ID?

Note that with "SERIAL" I can forcefully insert any value for this ID, from which Iris will continue generating values...

```
CREATE TABLE test (  
  testid serial NOT NULL,  
  name varchar(100) NULL,  
  CONSTRAINT pktest PRIMARY KEY (testid)  
);
```

```
INSERT INTO test (testid, name) values (10, 'test 10'); --inserted "testid" value: 10  
SELECT LASTIDENTITY() FROM %TSQLsys.snf; --returned value: 1
```

```
INSERT INTO test (name) values ('test 11'); --generated "testid" value: 11  
SELECT LASTIDENTITY() FROM %TSQLsys.snf; --returned value: 2
```

Also, how could I map this kind of ID using Hibernate? I was thinking about implementing an "IdentifierGenerator", but is there a simpler solution?

[#JDBC](#) [#SQL](#) [#InterSystems IRIS](#)

Product version: IRIS 2020.3

\$ZV: IRIS for UNIX (Ubuntu Server LTS for x86-64 Containers) 2020.3 (Build 221U) Thu Oct 1 2020 11:24:59 EDT

Source URL: <https://community.intersystems.com/post/there-select-lastserial>