

Question

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SQL LOAD DATA FROM FILE - limits in VALUE clause ?

I try to explore the new SQL LOAD DATA feature in SQL comparing it to SQL INSERT

I'm stuck at this point: INSERT INTO <table> (columns...) VALUES (.....)

allows having not just simple column references but also ALL Standard SQL FUNCTIONS (at least)

example:

```
INSERT INTO Test (ShortName,DOB) VALUES (SUBSTRING(Name,1,4),TODATE(displayDate,'MM-DDYY'))
```

This works perfectly.

BUT the same VALUE clause applied to LOAD DATA fails in various ways:

```
LOAD DATA FROM FILE 'irisrun/repo/LoadSQL.txt'
INTO Test (ShortName) VALUES (SUBSTRING(Name,3,4))
USING {"from":{"file":{"header":"1"}}
```

Refused compilation by returning:

SQL Error Details

SQLCODE=-1

IDENTIFIER expected, reserved word SUBSTRING found

and this repeats in a similar way with other SQL Standard FUNCTIONS

Question:

- Do I miss some syntactical trick to use Standard SQL FUNCTIONS ?
 - Is the VALUE clause of LOAD DATA just so narrow-minded allowing only column names ??
- This would be a quite disappointing explanation.

[#SQL #InterSystems IRIS](#)

Product version: IRIS 2021.2

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