

## Base Language - Bug #5909

### Problem with conversion of STRING(char. char)

12/20/2021 02:23 PM - Igor Skornyakov

<b>Status:</b>	New	<b>Start date:</b>	12/20/2021
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>case_num:</b>	
<b>billable:</b>	No		
<b>vendor_id:</b>	GCD		
<b>Description</b>			

### History

#### #1 - 12/20/2021 02:23 PM - Igor Skornyakov

It seems that we have a problem with the conversion of the STRING(chat, char) 4GL function when the expression is **not** in the WHERE clause. The expression

```
rc = string(val, fmt) no-error.
```

is converted to

```
silent(() -> rc.assign(valueOf(val, fmt)));
```

instead of

```
silent(() -> rc.assign(toString(val, fmt)));
```

Unlike toString(), character.valueOf throws NumberFormatException which causes the NO-ERROR clause to be ignored and it results in the application premature termination.

#### #3 - 12/20/2021 02:25 PM - Greg Shah

The Java replacement for 4GL builtin function STRING() is valueOf(). The converted code is correct.

If there is some problem in the runtime error handling, then it can be fixed.