examples/macro_counters.pql

by *Pequel*

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Counter Macros Example Script

2.3

Table of Contents
Counter Macros Example Script

SCRIPT NAME

examples/macro_counters.pql

DESCRIPTION

Demonstrates the use of &input_record_count() macro.

1. PROCESS DETAILS

Input records are read from standard input. The input record contains ***9*** fields. Fields are delimited by the '|' character.

Output records are written to standard output. The output record contains ***4*** fields. Fields are delimited by the '|' character.

1.1 *record_number*

Output Field

Description

Set to input field ***record_number***

Derived Input Field Evaluation

```
=> &input_record_count()
```

1.2 *location*

Output Field

Description

Set to input field ***location***

1.3 *product_code*

Output Field

Description

Set to input field ***product_code***

1.4 *sales_qty*

Output Field

Description

Set to input field ***sales_qty***

2. CONFIGURATION SETTINGS

2.1 *prefix*
directory pathname prefix.: examples

2.2 *pequeldoc*
generate pod / pdf pequel script Reference Guide.: pdf

2.3 *detail*
Include Pequel Generated Program chapter in Pequeldoc: 1

2.4 *script_name*
script filename: examples/macro_counters.pql

2.5 *header*
write header record to output.: 1

2.6 *optimize*
optimize generated code.: 1

2.7 *nulls*
print zero for null numeric/decimal.: 1

2.8 *doc_title*
document title.: Counter Macros Example Script

2.9 *doc_email*
document email entry.: sample@youraddress.com

2.10 *doc_version*
document version for pequel script.: 2.3

3. TABLES

4. TABLE INFORMATION SUMMARY

4.1 Table List Sorted By Table Name

5. EXAMPLES/MACRO_COUNTERS.PQL

options

```
prefix(examples)
pequeldoc(pdf)
detail(1)
script_name(examples/macro_counters.pql)
header(1)
optimize(1)
nulls(1)
doc_title(Counter Macros Example Script)
doc_email(sample@youraddress.com)
doc_version(2.3)
```

description

```
Demonstrates the use of &input_record_count() macro.
```

input section

```
product_code
cost_price
description
sales_code
sales_price
sales_qty
sales_date
location
salesman_list
record_number => &input_record_count()
```

output section

```
numeric   record_number record_number
string    location      location
string    product_code  product_code
decimal   sales_qty     sales_qty
```

6. PEQUEL GENERATED PROGRAM

```
#!/usr/bin/perl
#-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+
# vim: syntax=perl ts=4 sw=4
#-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+
#Generated By: pequel Version 2.4-5, Build: Wednesday November 16 21:56:42 GMT 2005
#            : http://sourceforge.net/projects/pequel/
#Script Name : macro_counters.pql
#Created On  : Wed Nov 16 14:06:01 2005
#Perl Version: /usr/bin/perl 5.6.1 on solaris
#For         :
#-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+
#Options:
#prefix(examples) directory pathname prefix.
#pequeldoc(pdf) generate pod / pdf pequel script Reference Guide.
#detail(1) Include Pequel Generated Program chapter in Pequeldoc
#script_name(examples/macro_counters.pql) script filename
#header(1) write header record to output.
#optimize(1) optimize generated code.
#nulls(1) print zero for null numeric/decimal.
#doc_title(Counter Macros Example Script) document title.
#doc_email(sample@youraddress.com) document email entry.
#doc_version(2.3) document version for pequel script.
#-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+
use strict;
use constant _I_product_code     => int    0;
use constant _I_cost_price       => int    1;
use constant _I_description      => int    2;
use constant _I_sales_code       => int    3;
use constant _I_sales_price      => int    4;
use constant _I_sales_qty        => int    5;
use constant _I_sales_date       => int    6;
use constant _I_location         => int    7;
use constant _I_salesman_list    => int    8;
use constant _I_record_number    => int    9;
use constant _O_record_number    => int    1;
use constant _O_location         => int    2;
use constant _O_product_code     => int    3;
use constant _O_sales_qty        => int    4;
local $\="\n";
local $,="|";
print STDERR '[examples/macro_counters.pql ' . localtime() . "] Init";
use constant VERBOSE => int 10000;
use constant LAST_ICELL => int 9;
my @I_VAL;
my @O_VAL;
my $_inprecs=0;
foreach my $f (1..4) { $O_VAL[$f] = undef; }
&PrintHeader();
print STDERR '[examples/macro_counters.pql ' . localtime() . "] Start";
use Benchmark;
my $benchmark_start = new Benchmark;
while (<STDIN>)
{
    ++$_inprecs;
    print STDERR '[examples/macro_counters.pql ' . localtime() . "] $_inprecs records." if ($_inprecs % VERBOS
E == 0);
    chomp;
    @I_VAL = split("[|]", $_);
    $I_VAL[_I_record_number] = int($.);
    $O_VAL[_O_record_number] = $I_VAL[_I_record_number];
    $O_VAL[_O_location] = $I_VAL[_I_location];
    $O_VAL[_O_product_code] = $I_VAL[_I_product_code];
    $O_VAL[_O_sales_qty] = $I_VAL[_I_sales_qty];
    print STDOUT
        $O_VAL[_O_record_number],
        $O_VAL[_O_location],
        $O_VAL[_O_product_code],
        $O_VAL[_O_sales_qty]
    ;
}

close(STDIN);
print STDERR '[examples/macro_counters.pql ' . localtime() . "] $_inprecs records.";
my $benchmark_end = new Benchmark;
my $benchmark_timediff = timediff($benchmark_start, $benchmark_end);
print STDERR '[examples/macro_counters.pql ' . localtime() . "] Code statistics: @{[timestr($benchmark_timedif
f)]}";
#-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+
sub PrintHeader
{
```

```
        local $\="\n";
        local $,="|";
        print STDOUT
            'record_number',
            'location',
            'product_code',
            'sales_qty'
            ;
}
```

7. ABOUT PEQUEL

This document was generated by Pequel.

https://sourceforge.net/projects/pequel/

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