examples/macro_pack.pql

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Macro Pack and Unpack Example Script

2.3

Table of Contents
Macro Pack and Unpack Example Script

SCRIPT NAME 1
DESCRIPTION 1
1. PROCESS DETAILS 1
1.1 location 1
Description 1
1.2 product_code 1
Description 1
1.3 salesman_list 1
Description 1
1.4 p_salesman_list 1
Description 1
Derived Input Field Evaluation 1
1.5 up_salesman_list 1
Description 1
Derived Input Field Evaluation 1
2. CONFIGURATION SETTINGS 2
2.1 prefix 2
2.2 pequeldoc 2
2.3 detail 2
2.4 script_name 2
2.5 header 2
2.6 optimize 2
2.7 nulls 2
2.8 doc_title 2
2.9 doc_email 2
2.10 doc_version 2
3. TABLES 3
4. TABLE INFORMATION SUMMARY 4
4.1 Table List Sorted By Table Name 4
5. EXAMPLES/MACRO_PACK.PQL 5
options 5
description 5
input section 5
output section 5
6. PEQUEL GENERATED PROGRAM 6
7. ABOUT PEQUEL 8
COPYRIGHT 8

SCRIPT NAME

examples/macro_pack.pql

DESCRIPTION

Demonstrates the use of &pack and &unpack macros. These macros require a format first argument. Please refer to the perlpacktut document (on Perl.Org) for a full description of formats. The &unpack() macro will produce an array field.

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 ***5*** fields. Fields are delimited by the '|' character.

1.1 *location*

Output Field

Description
Set to input field ***location***

1.2 *product_code*

Output Field

Description
Set to input field ***product_code***

1.3 *salesman_list*

Output Field

Description
Set to input field ***salesman_list***

1.4 *p_salesman_list*

Output Field

Description
Set to input field ***p_salesman_list***

Derived Input Field Evaluation

```
=> &pack('A3/Z*' x &arr_size(salesman_list),&to_array(salesman_list))
```

1.5 *up_salesman_list*

Output Field

Description
Set to input field ***up_salesman_list***

Derived Input Field Evaluation

```
=> &unpack('A3/Z*' x &arr_size(salesman_list),p_salesman_list)
```

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_pack.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.: Macro Pack and Unpack 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_PACK.PQL

options

```
prefix(examples)
pequeldoc(pdf)
detail(1)
script_name(examples/macro_pack.pql)
header(1)
optimize(1)
nulls(1)
doc_title(Macro Pack and Unpack Example Script)
doc_email(sample@youraddress.com)
doc_version(2.3)
```

description

```
Demonstrates the use of &pack and &unpack macros. These macros require a format
first argument. Please refer to the perlpacktut document (on Perl.Org) for a full
description of formats. The &unpack() macro will produce an array field.
```

input section

```
product_code
cost_price
description
sales_code
sales_price
sales_qty
sales_date
location
salesman_list
p_salesman_list => &pack('A3/Z*' x &arr_size(salesman_list),&to_array(salesman_list))

up_salesman_list => &unpack('A3/Z*' x &arr_size(salesman_list),p_salesman_list)
```

output section

```
string    location         location
string    product_code     product_code
string    salesman_list    salesman_list
string    p_salesman_list  p_salesman_list
string    up_salesman_list up_salesman_list
```

6. PEQUEL GENERATED PROGRAM

```
#!/usr/bin/perl
#-+-+-+
```

```
my $benchmark_end = new Benchmark;
my $benchmark_timediff = timediff($benchmark_start, $benchmark_end);
print STDERR '[examples/macro_pack.pql ' . localtime() . "] Code statistics: @{[timestr($benchmark_timediff)]}
";
#-+-+-+
```

7. ABOUT PEQUEL

This document was generated by Pequel.

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

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