



# examples/pack\_output.pql

by *Pequel*

---

[sample@youraddress.com](mailto:sample@youraddress.com)

## Pack Output Example Script

2.3



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## SCRIPT NAME

examples/pack\_output.pql

## DESCRIPTION

Demonstrates packing output data stream to packed or fixed record format. Use the 'pack\_output' and 'output\_pack\_fmt' options together to specify packed/fixed record output data stream. The formats specified in 'output\_pack\_fmt' are the same as for the Perl pack/unpack functions. The format may be enclosed in square brackets to indicate that this is a repeat format — that is the format will be used for each field — so in this example the '[A3/Z\*]' will expand to 'A3/Z\*A3/Z\*A3/Z\*A3/Z\*A3/Z\*A3/Z\*A3/Z\*' to reflect the 7 field input record format. Please refer to the Perl perlpacktut manual for format definitions. The 'pack\_output' option may not be used when the 'sort output' section is used.

## 1. PROCESS DETAILS

Input records are read from standard input. The input record contains **8** fields. Fields are delimited by the '|' character.

Output records are written to standard output. The output record contains **3** 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 SALES\_QTY

Output Field

#### *Description*

Set to input field **SALES\_QTY**

## 2. CONFIGURATION SETTINGS

### 2.1 *pequeldoc*

generate pod / pdf pequel script Reference Guide.: pdf

### 2.2 *detail*

Include Pequel Generated Program chapter in Pequeldoc: 1

### 2.3 *noverbose*

do not progress counter: 1

### 2.4 *prefix*

directory pathname prefix.: examples

### 2.5 *script\_name*

script filename: examples/pack\_output.pql

### 2.6 *header*

write header record to output.: 1

### 2.7 *optimize*

optimize generated code.: 1

### 2.8 *hash*

Generate in memory. Input data can be unsorted.: 1

### 2.9 *nulls*

print zero for null numeric/decimal.: 1

### 2.10 *doc\_title*

document title.: Pack Output Example Script

### 2.11 *doc\_email*

document email entry.: sample@youraddress.com

### 2.12 *doc\_version*

document version for pequel script.: 2.3

### 2.13 *discard\_header*

Input file has header record - must be discarded.: 1

### 2.14 *pack\_output*

Pack output data stream: 1

### 2.15 *output\_pack\_fmt*

Pack format for output data stream: [A3/Z\*]

### 3. TABLES

## 4. TABLE INFORMATION SUMMARY

### 4.1 Table List Sorted By Table Name



## 5. EXAMPLES/PACK\_OUTPUT.PQL

### *options*

```

pequeldoc(pdf)
detail(1)
noverbose(1)
prefix(examples)
script_name(examples/pack_output.pql)
header(1)
optimize(1)
hash(1)
nulls(1)
doc_title(Pack Output Example Script)
doc_email(sample@youraddress.com)
doc_version(2.3)
discard_header(1)
pack_output(1)
output_pack_fmt([A3/Z*])

```

### *description*

Demonstrates packing output data stream to packed or fixed record format. Use the 'pack\_output' and 'output\_pack\_fmt' options together to specify packed/fixed record output data stream. The formats specified in 'output\_pack\_fmt' are the same as for the Perl pack/unpack functions. The format may be enclosed in square brackets to indicate that this is a repeat format -- that is the format will be used for each field -- so in this example the '[A3/Z\*]' will expand to 'A3/Z\*A3/Z\*A3/Z\*A3/Z\*A3/Z\*A3/Z\*A3/Z\*' to reflect the 7 field input record format. Please refer to the Perl perlpacktut manual for format definitions. The 'pack\_output' option may not be used when the 'sort output' section is used.

### *input section*

```

PRODUCT_CODE
COST_PRICE
DESCRIPTION
SALES_CODE
SALES_PRICE
SALES_QTY
SALES_DATE
LOCATION

```

### *output section*

```

string    LOCATION    LOCATION
string    PRODUCT_CODE PRODUCT_CODE
decimal   SALES_QTY    SALES_QTY

```

## 6. PEQUEL GENERATED PROGRAM

```
# vim: syntax=perl ts=4 sw=4
#-----
#Generated By: pequel Version 2.3-6, Build: Monday October 24 23:16:49 BST 2005
#           : http://sourceforge.net/projects/pequel/
#Script Name : examples/pack_output.pql
#Created On  : Tue Oct 25 09:24:33 2005
#For         :
#-----
#Options:
#pequeldoc(pdf) generate pod / pdf pequel script Reference Guide.
#detail(1) Include Pequel Generated Program chapter in Pequeldoc
#noverbose(1) do not progress counter
#prefix(examples) directory pathname prefix.
#script_name(examples/pack_output.pql) script filename
#header(1) write header record to output.
#optimize(1) optimize generated code.
#hash(1) Generate in memory. Input data can be unsorted.
#nulls(1) print zero for null numeric/decimal.
#doc_title(Pack Output Example Script) document title.
#doc_email(sample@youraddress.com) document email entry.
#doc_version(2.3) document version for pequel script.
#discard_header(1) Input file has header record - must be discarded.
#pack_output(1) Pack output data stream
#output_pack_fmt([A3/Z*]) Pack format for output data stream
#-----
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 _O_LOCATION     => int 1;
use constant _O_PRODUCT_CODE => int 2;
use constant _O_SALES_QTY    => int 3;
local $\\="\\n";
local $,="|";
use constant VERBOSE => int 10000;
use constant LAST_ICELL => int 7;
use constant OUTPUT_PACK_FMT => 'A3/Z*' x (3);
my @I_VAL;
my %O_VAL;
my $key;
&PrintHeader();
my $discard_header = <STDIN>;
while (<STDIN>)
{
    chomp;
    @I_VAL = split("[|]", $_);
    $O_VAL{$key}{_O_LOCATION} = $I_VAL[_I_LOCATION];
    $O_VAL{$key}{_O_PRODUCT_CODE} = $I_VAL[_I_PRODUCT_CODE];
    $O_VAL{$key}{_O_SALES_QTY} = $I_VAL[_I_SALES_QTY];
    print STDOUT
        pack(OUTPUT_PACK_FMT,
            $O_VAL{$key}{_O_LOCATION},
            $O_VAL{$key}{_O_PRODUCT_CODE},
            $O_VAL{$key}{_O_SALES_QTY}
        )
    ;
}

foreach $key (sort keys %O_VAL)
{
}

#-----
sub PrintHeader
{
    local $\\="\\n";
    local $,="|";
    print
        'LOCATION',
        'PRODUCT_CODE',
        'SALES_QTY'
    ;
}
```

## 7. ABOUT PEQUEL

This document was generated by Pequel.

*<https://sourceforge.net/projects/pequel/>*

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