

Re: Create two-dimensional Array from string

Source: <http://coding.derkeiler.com/Archive/Perl/comp.lang.perl.misc/2008-04/msg00201.html>

- *From:* jgraber@xxxxxx
 - *Date:* 03 Apr 2008 13:05:16 -0500
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jjcassidy@xxxxxxxxxx writes:

On Apr 2, 1:21 pm, "pjfa...@xxxxxxxxxx" <pjfa...@xxxxxxxxxx> wrote:

I'm looking for the most efficient way to create a two dimensional array from strings such as

```
MULTISET{ROW(1 , ' 3667 ', 'WARREN ', 'OH'), ROW(2 , ' 2948 ', 'SHAKER HTS', 'OH')}
```

Let Perl parse it for you. You can **eval** it.

use Data::Dumper;

```
sub ROW (@) { return [ @_ ]; }
```

```
sub MULTISET (&) { return [ sort { $a->[0] <=> $b->[0] } shift()-
```

```
  ] ]; }
```

observe:

```
my $multi_set = eval <<END_EVAL1;
MULTISET{ROW(1 , ' 3667 ', 'WARREN ', 'OH'), ROW(2 , '
2948', 'SHAKER HTS', 'OH')}
END_EVAL1
```

Beware eval with unsanitized user inputs like

<http://xkcd.com/327/>

—
Joel

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