

Re: multiple-value-bind only accepts symbols

Source: <http://coding.derkeiler.com/Archive/Lisp/comp.lang.lisp/2005-10/msg01029.html>

- *From:* Juho Snellman <jsnell@xxxxxx>
 - *Date:* 17 Oct 2005 10:38:29 GMT
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<palpalpalpal@xxxxxxxxxx> wrote:

```
> Is there a reason multiple-value-bind only accepts symbols, not places?
> And what would be the best way to do the equivalent with places? I can
> write this, but it's a bit ugly:
>
> (let ((a-and-b (multiple-value-list
> (some-function-that-returns-two-values))))
> (setf (slot-a x) (first a-and-b))
> (setf (slot-b x) (second a-and-b)))
```

Because that's not what binding means (have a look at the CLHS glossary).
The less ugly way to write this is:

```
(setf (values (slot-a x) (slot-b x))
(some-function-that-returns-two-values))
```

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Juho Snellman

"Premature profiling is the root of all evil."

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- *Follow-Ups:*
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◇ *From:* Philippe Lorin
- *References:*
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