

[HPADM] SUMMARY How to find percent in a script

Source: <http://unix.derkeiler.com/Mailing-Lists/HP-UX-Admin/2003-04/0089.html>

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Date: 04/24/03

Date: Thu, 24 Apr 2003 11:45:34 -0400

From: "Brendan Doherty" <bdoherty@itl.ca>

To: "hpux-admin@dutchworks.nl" <hpux-admin@dutchworks.nl>

Hi thanks for all the responses.. it was an easy problem – just I could not see it.

here is one way to get % .

Brendan

The expr command works on integers and when dividing gives you modulus.

Because 20 divided by 80 is 0 remainder 20 that is why you are getting 0.

Try this:

```
VALUEONE=20
```

```
VALUETWO=80
```

```
PERCENT=`expr \( $VALUEONE \* 100 \) / $VALUETWO`
```

```
echo $PERCENT
```

You might like to change the echo statement to:

```
echo ${PERCENT}%
```

so you get a nice percent sign as well.

Brendan Doherty wrote:

```
> Hi I keep on getting 0 ... seems like it does not like to divide ...
```

```
> anyone know how to calculate a percent from to #'s
```

```
>
```

```
> VALUEONE=20
```

```
> VALUETWO=80
```

```
>
```

```
> PERCENT=`expr $VALUEONE / $VALUETWO \* 100`
```

```
>
```

```
> echo $PERCENT
```

```
>
```

```
> ----
```

```
> I receive 0 ,, it should be .25..
```

```
> 20/80 * 100 =0.25 ; seems like to 20/80 is returning 0.
```

```
>
```

```
> thanks
```

```
>
```

```
> --
```

HP-UX-Admin: [HPADM] SUMMARY How to find percent in a script

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