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Subject: Console charset

Posted by [laotse](#) on Sun, 05 Apr 2009 14:41:09 GMT

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Hi there,

is there a way to tell a container to use utf-8 as charset in the default "-bash" used for vzctl enter?

My native locale would be de\_DE.utf8, which is configured as default on the node and works perfectly.

```
node#: echo "Süß"
```

```
Süß
```

```
node#: vzctl enter VE
```

```
VE#: <enter some umlaut, but nothing or strange things happen>
```

```
VE#: export LANG=de_DE.utf8
```

```
VE#: bash
```

```
VE#: echo "Süß"
```

```
Süß
```

So basically the container has everything installed what it takes to deal with UTF-8. However, "-bash" reports POSIX as locale and even after setting LC\_LANG does not accept umlauts or does display them correctly. The child bash works as expected.

Of course /etc/default/locales contains the correct setting, but it is apparently ignored by "-bash".

Is this a bug or a feature? Is it possible to change this behaviour?

Er well, systems both node and VE are Debian Lenny current as per today.

Regards,

- lars

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Subject: Re: Console charset

Posted by [tonib](#) on Tue, 07 Apr 2009 11:23:21 GMT

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Hi,

well, I have same problem.

I have Debian Lenny on node and VE.

I install and reinstall (dpkg-reconfigure locales) and disable overriding of LC\_\* variables in /etc/ssh/sshd\_config but still can't see what I wish.

Regards

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Subject: Re: Console charset  
Posted by [tonib](#) on Wed, 08 Apr 2009 13:40:02 GMT  
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Lars, can you input umlaut when you logged as lars (or whatever user name you have) and not as root?

Take a look at this example:

```
root@zatomija:/# echo $LANG
```

```
root@zatomija:/#  
root@zatomija:/# su - toni  
toni@zatomija:~$ echo $LANG  
en_US.UTF-8
```

```
toni@zatomija:~$ su  
Password:  
root@zatomija:/home/toni# echo $LANG  
en_US.UTF-8
```

So the whole thing is just about passing \$LANG.

We must initially set right \$LANG for root and we win.

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Subject: Re: Console charset  
Posted by [laotse](#) on Thu, 09 Apr 2009 11:23:31 GMT  
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tonib wrote on Wed, 08 April 2009 15:40Lars, can you input umlaut when you logged as lars (or whatever user name you have) and not as root?

So the whole thing is just about passing \$LANG.

We must initially set right \$LANG for root and we win.

Yes, I encounter the same behaviour. Was tricky to test, since I'd got to find a container, which has local login users at all.

Okay, but I fear that this is a feature. I remember having had problems with the encoding of the root console all the while, i.e. on normal machines. I just don't notice it normally, because I'm using a root shell fired up by an ordinary user or ssh.

Anybody out there, who knows in more detail what's happening under the hood?

Regards,  
- lars.

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