



kr / jsonenv

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convert a json dictionary into environment variables

jsonenv

```
1 #!/usr/bin/env python
2
3 # jsonenv reads a json object as input and produces
4 # escaped shell commands for setting environment vars
5
6 import json
7 import pipes
8 import sys
9
10 for k, v in json.load(sys.stdin).items():
11     k = pipes.quote(k)
12     v = pipes.quote(v)
13     print "%s=%s export %s;" % (k, v, k)
```



kr commented on Aug 5, 2013

Author

Owner

Given x.json:

```
{
  "URL": "https://foo:bar@example.com/",
  "OTHER": "foo \" bar 'baz'"
}
```

This produces:

```
$ ./jsonenv <x.json
URL=https://foo:bar@example.com/ export URL;
OTHER='foo " bar 'baz'' export OTHER;
```

You can use it with the heroku api like this:

```
$ eval "$(curl -sn https://api.heroku.com/apps/myapp/config_vars|jsonenv)"
```

to use the config vars from `myapp` in your local shell.



sprive commented on Apr 3, 2015

This is useful, especially if gradually migrating code between Bash and Python.  
Heads up though, this gist will only work with strings: not bool, int, or array.



thapakazi commented on Jun 9, 2015

thanks mate 😊



brendanmaguire commented on Aug 25, 2016

Very nice. Thanks!



zored commented on May 26, 2017

@kr why not to `export URL=...` ?



amussey commented on Sep 26, 2017

If you're attempting to use this with `python3`, all you need to do is change the line:

```
print "%s=%s export %s;" % (k, v, k)
```

to:

```
print("%s=%s export %s;" % (k, v, k))
```

Thanks @kr!



neps-in commented on Sep 27, 2017

Thanks, can you help me how do i do the reverse way, convert bash config separated by = to give json string.

```
conf1='value1'
```

```
conf2='value2'
```

to produce json string

```
output={
```

```
'conf1': 'value1',
```

```
'conf2': 'value2'
```

```
}
```



tirupathiraop commented on Feb 6, 2018

@neps-in

did you figure out any way to do it?