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Bash Read Comma Separated CVS File

Posted by [Vivek Gite](#) <vivek@nixcraft.com>

How do I read comma separated CVS file under UNIX / Linux / BSD / Mac OS X bash script? My sample file is as follows:



[1]

```
FirstName LastName,DOB,SSN,Telephone,Status
```

You can use [while shell loop](#) ^[2] to read comma-separated cvs file. IFS variable will set cvs separated to , (comma). read command will read each line and store data into each field.

```
#!/bin/bash
INPUT=data.cvs
OLDIFS=$IFS
IFS=,
[ ! -f $INPUT ] && { echo "$INPUT file not found"; exit 99; }
while read fname dob ssn tel status
do
    echo "Name : $fname"
    echo "DOB : $dob"
    echo "SSN : $ssn"
    echo "Telephone : $tel"
    echo "Status : $status"
done < $INPUT
IFS=$OLDIFS
```

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[1] Image: <http://www.cyberciti.biz/faq/category/bash-shell/>

[2] while shell loop: <http://www.cyberciti.biz/faq/shell-script-while-loop-examples/>