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Thread: [Python putting List within List when I only want one List](#)

Ineed2learn2eat - July 13, 2017, 7:44 am

Im fetching a row from a table that has multiple values delimited by a ";". I'm trying to store it within a list. Everything works but instead of python printing it as just ['a','b','c']... it is printing it as [['a','b','c']].

Code below

```
Code cur.execute("SELECT * FROM Main_Setup");
rows = cur.fetchall()
```

```
job1= []
job2=[]
```

```
for row in rows:
    name = row[1]
    fields = row[4].split(';')
    if name == 'File1':
        job1.append(fields)

    elif name == 'file2':
        job2.append(fields)
```

Output

```
Code [['this field', '  another field']]
[['haha', 'no', '  yes']]
Desired Output
Code ['this field', '  another field']
['haha', 'no', '  yes']
```

TheMarkMan - July 13, 2017, 7:51 am

Try extending, not appending. That should work out
ex: job1.extend(fields)

datguy.dev - July 13, 2017, 10:04 am

You're putting a list into an array... so that's what you'll get doing so. To access the elements you want, you'd have to use jobs2[0]. The len(jobs2) = 1. But len(jobs2[0]) == len(fields).

PHP Code

```
<?php
elif name == 'file2':
    for i in fields:
        job2.append(i)
```

Ineed2learn2eat - July 13, 2017, 10:48 am

(Jul 13, 2017 07:51 AM)TheMarkMan Wrote: [\[CITE\]](#) Try extending, not appending. That should work

out

ex: `job1.extend(fields)`

Extending worked! Thank you very much