

Problem with Lexical Scope

Source: <http://coding.derkeiler.com/Archive/Python/comp.lang.python/2005-12/msg02077.html>

- *From:* "jslowery@xxxxxxxx" <jslowery@xxxxxxxx>
 - *Date:* 11 Dec 2005 23:50:42 -0800
-

I am not completely knowledgeable about the status of lexical scoping in Python, but it was my understanding that this was added in a long time ago around python2.1–python2.2

I am using python2.4 and the following code throws a "status variable" not found in the inner–most function, even when I try to "global" it.

```
def collect(fields, reducer):
def rule(record):
status = True
def _(x, y):
cstat = reducer(x, y)
if status and not cstat:
status = False
return y
return reduce(_, [record[field] for field in fields])
return rule
```

What gives?

.

- *Follow-Ups:*
 - ◆ ***Re: Problem with Lexical Scope***
 - ◇ *From:* Duncan Booth
 - ◆ ***Re: Problem with Lexical Scope***
 - ◇ *From:* Steve Holden
 - ◆ ***Re: Problem with Lexical Scope***
 - ◇ *From:* jslowery@xxxxxxxx
- Prev by Date: ***Re: newbie question***
- Next by Date: ***Re: Using XML w/ Python...***
- Previous by thread: ***Re: nanothreads: Want to use them from within wxPython app***
- Next by thread: ***Re: Problem with Lexical Scope***
- Index(es):
 - ◆ ***Date***
 - ◆ ***Thread***