

## Re: Maximum List size (item number) limit?

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*Source:* <http://coding.derkeiler.com/Archive/Python/comp.lang.python/2006-01/msg01644.html>

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  - *Date:* 11 Jan 2006 05:13:40 -0800
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Juho Schultz

>NIR\_mean\_1 only from lines 1, 4, 7, ...

>R\_mean\_1 only from lines 2, 5, 8, ...

>G\_mean\_1 only from lines 3, 6, 9, ...

This can be the problem, but it can be right too.

The following code is shorter and I hope cleaner, with it maybe

Kriston-Vizi Janos can fix his problem.

```
class ReadData:
```

```
def __init__(self, filename):
```

```
self.NIR_mean = []
```

```
self.NIR_stdev = []
```

```
self.R_mean = []
```

```
self.R_stdev = []
```

```
self.G_mean = []
```

```
self.G_stdev = []
```

```
self.area = []
```

```
for line in file(filename):
```

```
row = line.split()
```

```
self.area.append(row[1])
```

```
self.NIR_mean.append(row[2])
```

```
self.NIR_stdev.append(row[3])
```

```
self.R_mean.append(row[4])
```

```
self.R_stdev.append(row[5])
```

```
self.G_mean.append(row[6])
```

```
self.G_stdev.append(row[7])
```

```
# -----
```

```
L = ReadData('L.txt')
```

```
GC = ReadData('GC.txt')
```

```
out_file = file('merged.txt', 'w')
```

```
# Create output rows from lists
```

```
for i in xrange(len(L.NIR_mean)): # Process all input rows
```

```
# Filter L and GC rows by area values
```

```
if (10000 <= float(L.area[i]) <= 100000) and \
```

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(10000 <= float(GC.area[i]) <= 100000):

```
# Create output line and write out
newline = [str(i+1)]
for obj in L, GC:
newline.extend([obj.NIR_mean[i], obj.NIR_stdev[i],
obj.R_mean[i], obj.R_stdev[i],
obj.G_mean[i], obj.G_stdev[i],
obj.area[i]])
outline = '\t'.join(newline) + '\n'
out_file.write(outline)

out_file.close()
```

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- *Follow-Ups:*
    - ◆ **Re: Maximum List size (item number) limit?**  
◇ From: Juho Schultz
  - *References:*
    - ◆ **Maximum List size (item number) limit?**  
◇ From: Kriston-Vizi Janos
    - ◆ **Re: Maximum List size (item number) limit?**  
◇ From: Juho Schultz
  - Prev by Date: