

# Re: Algorithm for determining % complete of a program

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  - *Date:* Wed, 26 Jul 2006 22:50:00 +0100
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On 25 Jul 2006 14:34:44 -0700, [mross462@xxxxxxxxxxx](mailto:mross462@xxxxxxxxxxx) wrote:

Hello all,

I'm wondering if there someone could help me investigate an algorithm for determining the progression status (% complete) of an application that I'm currently working on. It currently has 4 phases where different data can be obtained from the program to obtain this progression status. The application is divided into the following sub processes, with their corresponding data references.

1. Initialization of objects. (# of types of objects are known)
2. Reading and validating each member of a particular object from a file. (# of bytes in file read)
3. Validating objects with common values (# of objects with common values known)
4. Writing a file with the validity tags and addresses of objects (Same as above)
5. Removing all objects and clearing memory (same as above)

If anyone could point me in a good direction, it would be appreciated.

Thanks

An alternative approach, just display five messages:

```
"Stage 1 of 5: Initializing"  
"Stage 2 of 5: Reading"  
"Stage 3 of 5: Validating"  
"Stage 4 of 5: Writing"  
"Stage 5 of 5: Cleanup"
```

rossum

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