

The Reuse/Release Equivalence Principle

The granule of reuse is the granule of release

- The component must be tracked through a release process with release numbers (or versions)
 - Compatibility issues among different versions
 - Release notifications and documentation
- Classes and modules that are grouped together into a component should be releasable together
 - Hard to decide what to be grouped (compensated for by CCP & CRP), but
 - Easy to detect the violation

The Common Closure Principle

The component form of the SRP

- Maintainability is more important than reusability
 - To minimize the workload of releasing, revalidating and redeploying
- Gather into components those classes that change for the same reasons and at the same times
 - A component should not have multiple reasons to change
- Separate _____ if they change at different times and for different reasons
 - SRP: ... methods into different classes ...
 - CCP: ... classes into different components ...