

# Java Naming standards

Sunday, 29 November 2009

**Packages** The prefix of a unique package name is always written in all-lowercase ASCII letters and should be one of the top-level domain names, currently com, edu, gov, mil, net, org, or one of the English two-letter codes identifying countries. Subsequent components of the package name vary according to an organization's own internal naming conventions. Such conventions might specify that certain directory name components be division, department, project, machine, or login names. com.sun.eng com.apple.quicktime.v2 edu.cmu.cs.bovik.cheese

**Classes** Class names should be nouns, in mixed case with the first letter of each internal word capitalized. class Raster;

**Interfaces** Interface names should be capitalized like class names. class ImageSprite; interface RasterDelegate;

**Methods** Methods should be verbs, in mixed case with the first letter lowercase, with the first letter of each internal word capitalized. run(); runFast();

**Variables** Except for variables, all instance, class, and class constants are in mixed case with a lowercase first letter. Internal words start with capital letters. Variable names should not start with underscore \_ or dollar sign \$ characters, even though both are allowed. float myWidth; int counter; String firstName; **Constants** The names of variables declared class constants and of ANSI constants should be all uppercase with words separated by underscores ("\_"). static final int MIN\_WIDTH = 4; static final int MAX\_WIDTH = 999; static final int GET\_THE\_CPU = 1;