

# MutableNumbers

There have been a few threads about mutable numbers and I'll try to summarize the ideas.

## 1) What package/project should these classes go in?

My initial thought was lang.math, but if we create [MutableByte](#), [MutableString](#), or others non-numeric types, this isn't a good fit. lang.mutable may be a better fit.

## 2) What type of naming scheme should we use?

[MutableInteger](#) vs. MInteger vs. [IntegerHolder](#) vs. ?

## 3) Comparision between my (matth) initial implementation vs. Geronimos

I can't find the Mutable classes in Geronimo anymore. Perhaps they were removed?

One of the primary differences I noted was that the Geromino classes contained additional methods such add add(int), subtract(int), and things like that. I find this similar to Henri's suggestion that [MutableString](#) contain [StringUtils](#)-like methods (split(), capitalize(), etc).

Another difference was the existence of a Mutable interface I (hen) think.

## 4) List of classes to have mutable versions of

- String
- Long
- Double
- Character

We would need Int, Boolean and Float as well IMHO. Otherwise the get() becomes a typecast pain.