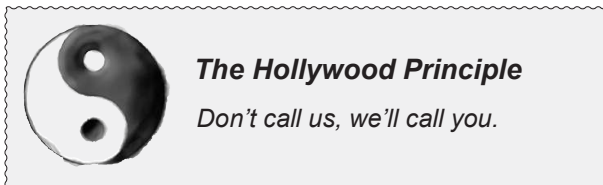


## The Hollywood Principle

We've got another design principle for you; it's called the Hollywood Principle:



Easy to remember, right? But what has it got to do with OO design?

The Hollywood Principle gives us a way to prevent “dependency rot.” Dependency rot happens when you have high-level components depending on low-level components depending on high-level components depending on sideways components depending on low-level components, and so on. When rot sets in, no one can easily understand the way a system is designed.

With the Hollywood Principle, we allow low-level components to hook themselves into a system, but the high-level components determine when they are needed, and how. In other words, the high-level components give the low-level components the “don’t call us, we’ll call you” treatment.

