Delegation

built-in support

















































































































































































































































































































































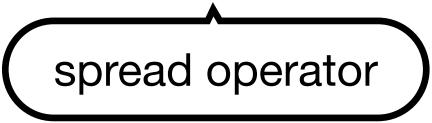






```
fun main() {
   val words = censoredListOf("giant", "spaghetti", "monster")
   println(words)
```

[giant, ***, monster]



```
class CensoredList(private val delegate: List<String>) : List<String> by delegate {
   companion object {
       fun censoredListOf(vararg args: String) = CensoredList(listOf(*args))
   override fun toString(): String =
       delegate.map { if (it == "spaghetti") "***" else it }.toString()
} //~7 lines of code
```

Delegation

built-in support

```
class CensoredList(private val delegate: List<String>) : List<String> by delegate {
    companion object {
        fun censoredListOf(vararg args: String) = CensoredList(listOf(*args))
                                                                   spread operator
    override fun toString(): String =
        delegate.map { if (it == "spaghetti") "***" else it }.toString()
} //~7 lines of code
fun main() {
   val words = censoredListOf("giant", "spaghetti", "monster")
    println(words) [giant, ***, monster]
```

Delegated Properties