

Two Worlds of Protocols

Without Self Requirement

```
func precedes(other: Ordered) -> Bool
```

Usable as a type

```
func sort(inout a: [Ordered])
```

Think "heterogeneous"

Every model must deal with all others

Dynamic dispatch

Less optimizable

With Self Requirement

```
func precedes(other: Self) -> Bool
```

Only usable as a generic constraint

```
func sort<T : Ordered>(inout a: [T])
```

Think "homogeneous"

Models are free from interaction

Static dispatch

More optimizable