

Organizing Contextual Abstractions



Takeaway

The compiler looks for givens & extension methods (EMs) in order:

- the local scope = the scope where the given/EM is required
- the imported scope = the explicitly imported givens/EMs
- the companion objects of the types involved in the call

Importing

```
// import specific instances
import StandardValues.standardPersonOrdering
// import a given for a type (there can only be one)
import StandardValues.{given Ordering[Person]}
// import all givens
import StandardValues.given
```

```
import StandardValues.*
```



does not import givens!

Best practices

- if only one given makes sense for a type, keep it in companion
- if many givens make sense for a type but one is dominant, keep it in companion
- if many givens make sense for a type and no one is dominant, keep them in separate objects

Scala rocks

