

Tuples and Maps



Takeaways

Tuples

```
val tuple = (42, "Rock The JVM")
```

```
tuple._1           // 42
```

```
tuple.copy(_1 = 0) // (0, Rock The JVM)
```

```
tuple.toString     // "(42, Rock The JVM)"
```

```
tuple.swap         // (Rock The JVM, 42)
```

← retrieve elements using `_n`

← create new tuples

← pretty print

← swap elements

Maps

```
val phonebook = Map("Jim" -> 555, "Mary" -> 789)
```

```
phonebook.contains("Jim")
```

```
val anotherbook = phonebook + ("Daniel", 123)
```

Useful methods:

- `.view.filterKeys`, `.view.mapValues`
- `map`, `filter`, `flatMap` (on pairs!)

To/from other collections

- `.toList`, `.toMap`
- `groupBy`

Scala rocks

