

Enums and Pattern Matching

In this chapter, we'll look at `_enumerations_`, also referred to as `_enums_`.

Enums allow you to define a type by enumerating its possible `_variants_`. First, we'll define and use an enum to show how an enum can encode meaning along with data. Next, we'll explore a particularly useful enum, called ``Option``, which expresses that a value can be either something or nothing. Finally, we'll look at how pattern matching in the ``match`` expression makes it easy to run different code for different values of an enum.