

Naming conventions

This chapter covers standard naming conventions.

Casing

In general, use **PascalCase** for names of types or traits and use **snake_case** otherwise. More precisely:

Item	Convention
Modules	snake_case
Types	PascalCase
Traits	PascalCase
Enum variants	PascalCase
Struct fields	snake_case
Functions	snake_case
Methods	snake_case
Variables	snake_case
Constants	UPPER_CASE
Type parameters	PascalCase generally, a single letter like T usually

In **PascalCase**, acronyms count as one word: use **Sha** rather than **SHA**. In **snake_case**, acronyms are lower-cased: **sha3_hash**.

In **snake_case** or **UPPER_CASE**, a *word* should never consist of a single character unless it is a digit or the last *word*. So, we have **btree_map** rather than **b_tree_map**, but **PI_2** rather than **PI2**.

Language implementations can emit warnings when names do not follow these rules.

Underscore Prefix (e.g. **_foo**)

The name of an unused variable must start with an **_** (a common example is simply **"_"**).

```
let _unused = compute_something();
```

Language implementations can emit warnings when a variable **not** starting with an underscore is only written-to but is never read. The same applies when a variable starting with an underscore is read.