

exception Name of type

exn

exn  $\rightarrow$  'a

It's exactly the same as `match`.

... Not\_found.

... Invalid\_argument.

An exception for bad arguments less severe than `Invalid_argument` or not the result of programming errors.

It takes an error string, typically the name of the function doing the raising.

It is only typical to handle `Failure`.

A `Match_failure` is raised.

```
assert (cond)
```

**Raises an `Assert_failure` if the condition fails.**



- Out\_of\_memory
- Stack\_overflow

- Reduce memory usage.
- As a break statement.
- To create *finally* semantics.

Needless reconstruction of the input can be avoided on unsuccessful runs of functions that cons pattern match each element of a list.