

What is a Functional Interface in Java?

If an interface contains **exactly one abstract method** (i.e. a single abstract method) then it is called Functional interface.

Example

```
public interface Observer {Functional Interface
    void show();
}
```

It may contain 'n' number of default & static methods but it must contain **only one abstract method**.

So in order to motivate the developer to **annotate any abstract method**, Java has provided a new annotation i.e. `@FunctionalInterface` annotation.

```
@FunctionalInterface
interface Observer
{
    void show();
}
```