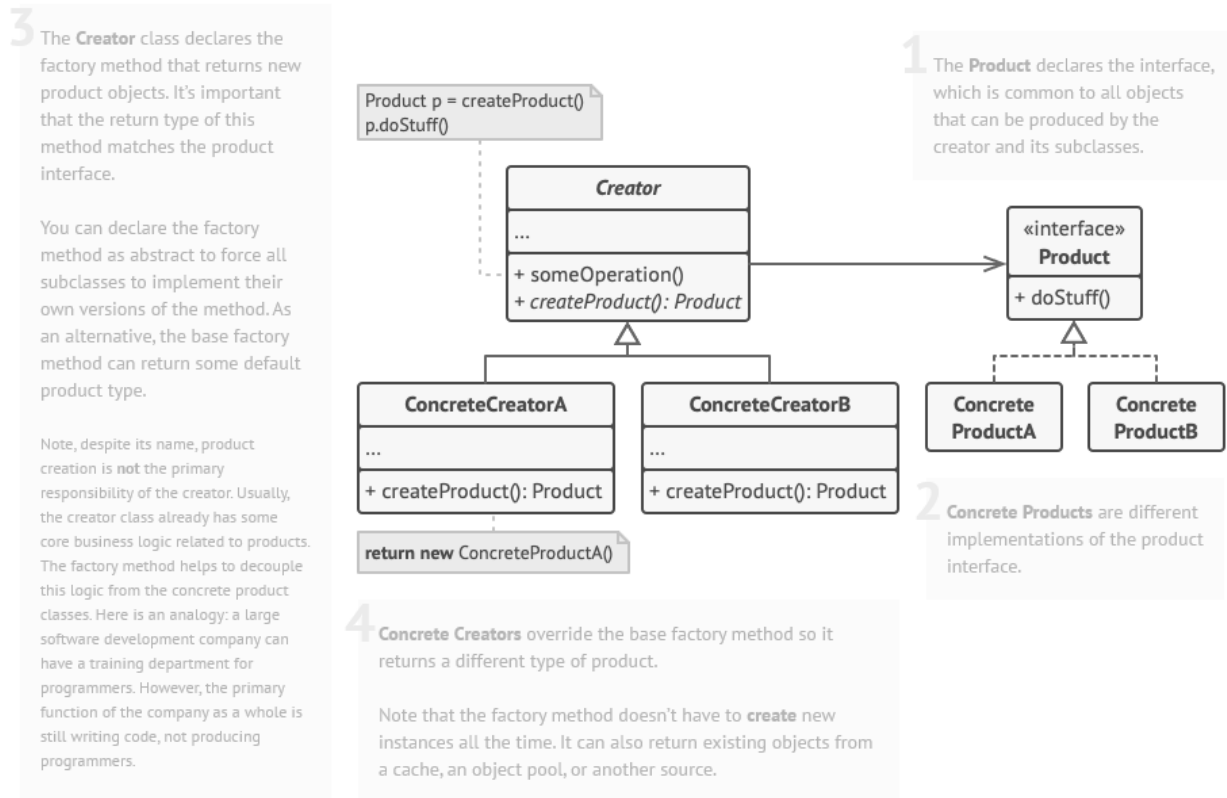


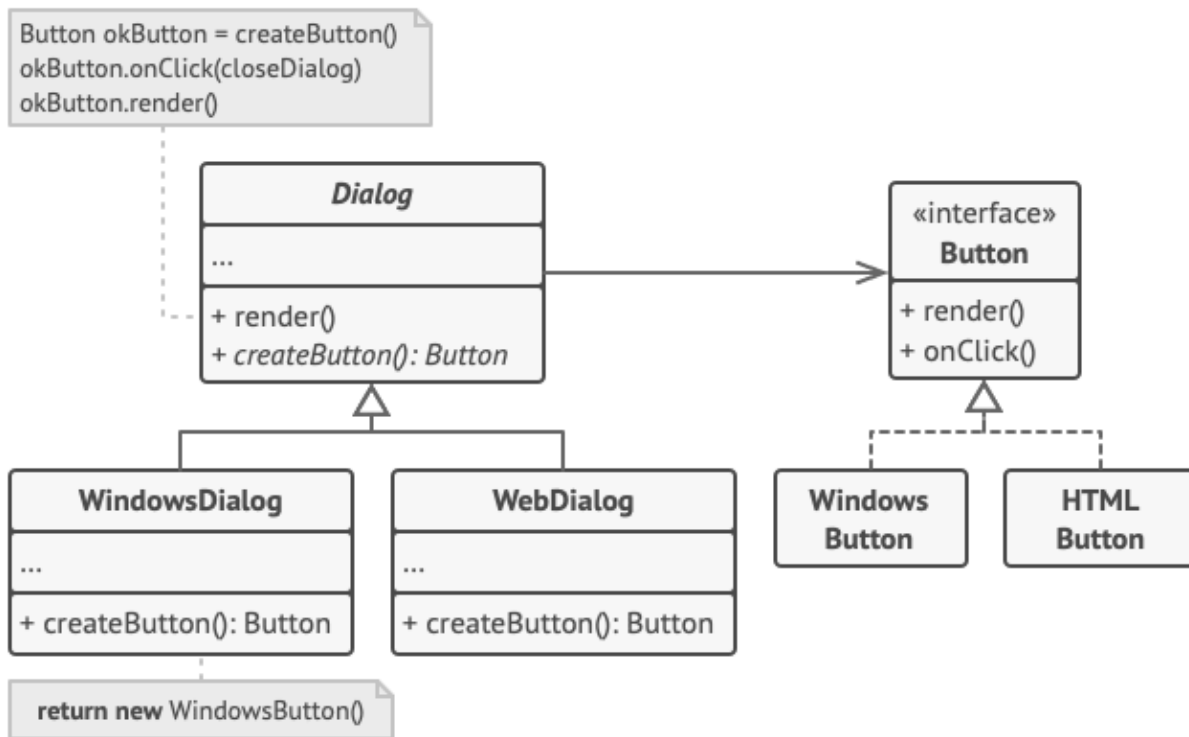
Intent

Factory Method is a creational design pattern that provides an interface for creating objects in a superclass, but allows subclasses to alter the type of objects that will be created.

Structure



Example



The cross-platform dialog example.

Applicability

- Use the Factory Method when you don't know beforehand the exact types and dependencies of the objects your code should work with.
- Use the Factory Method when you want to provide users of your library or framework with a way to extend its internal components.
- Use the Factory Method when you want to save system resources by reusing existing objects instead of rebuilding them each time.