

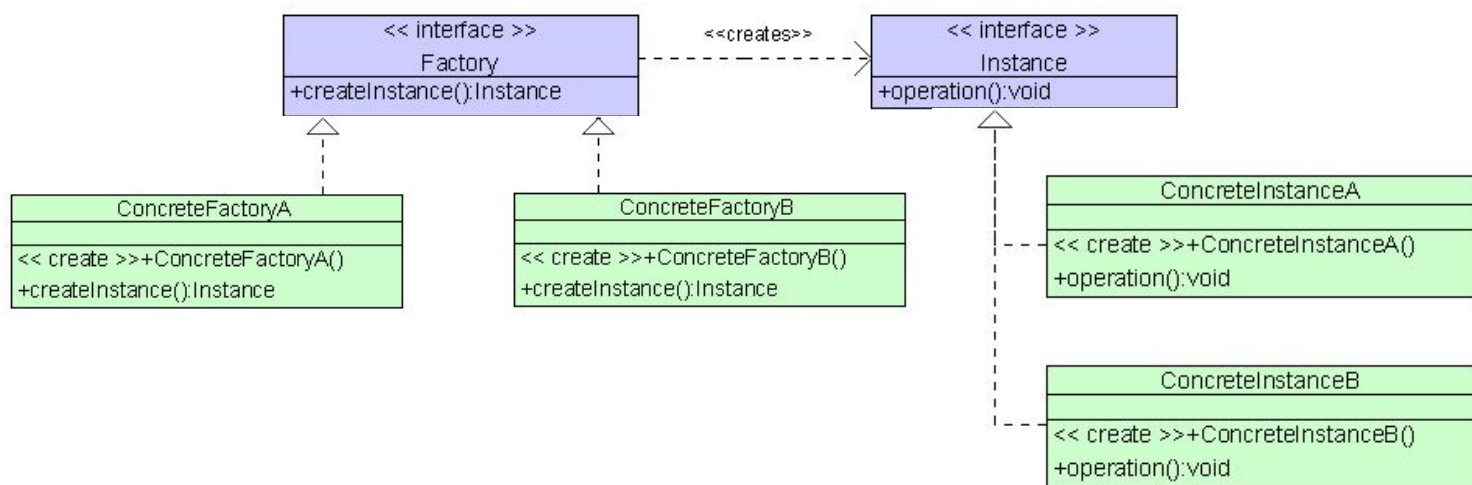
Design Patterns - Factory Method Pattern

There are two main variants of the pattern:

1. The classic (or original) **GoF Factory Method** variant.
2. The very popular **Simple Factory Method** variant (also called Parameterized Factory Method pattern)

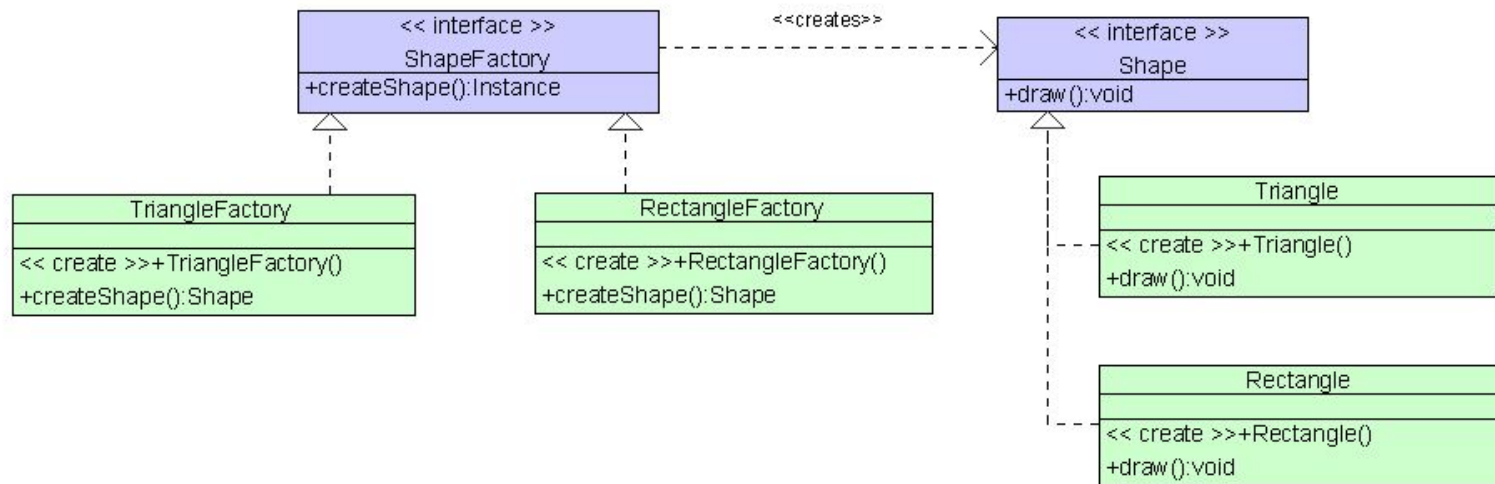
Design Patterns - Factory Method Pattern

The classic (or original) **GoF Factory Method** variant.



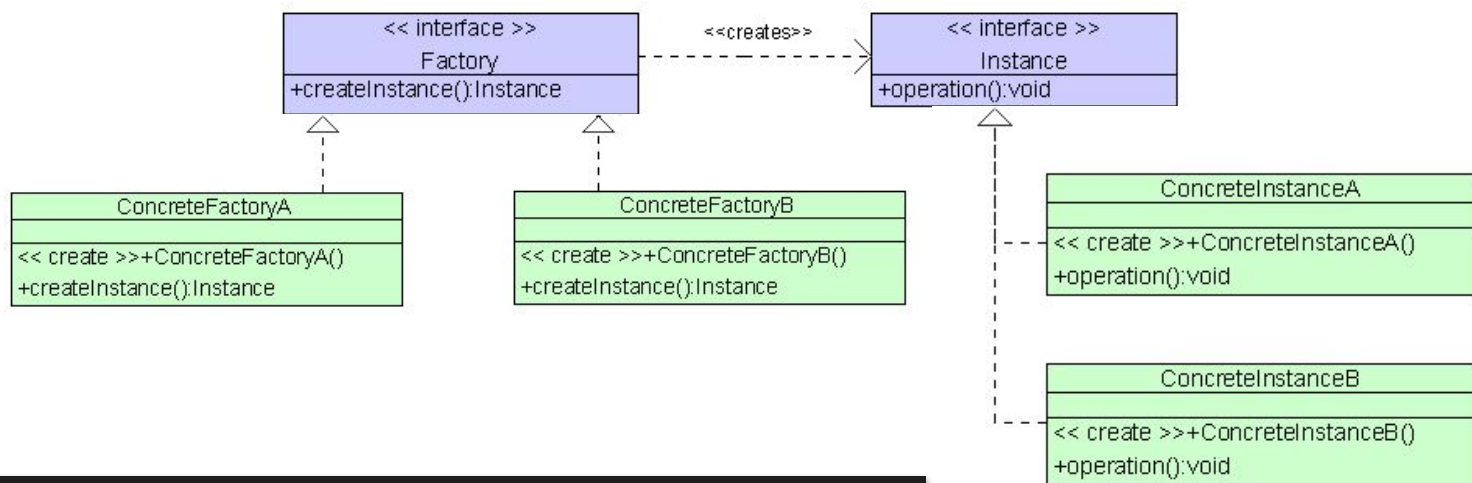
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The classic (or original) **GoF Factory Method** variant.



Design Patterns - Factory Method Pattern

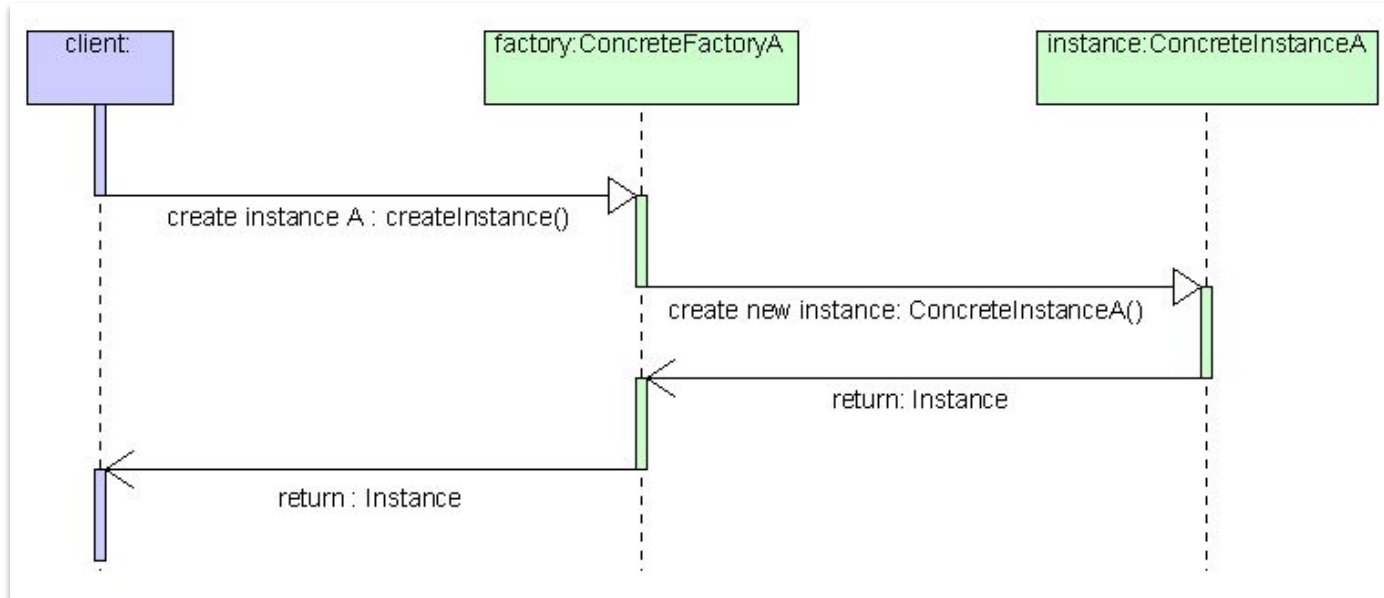
The classic (or original) **GoF Factory Method** variant.



```
Instance instanceA = ConcreteFactoryA().createInstance();
Instance instanceB = ConcreteFactoryB().createInstance();
```

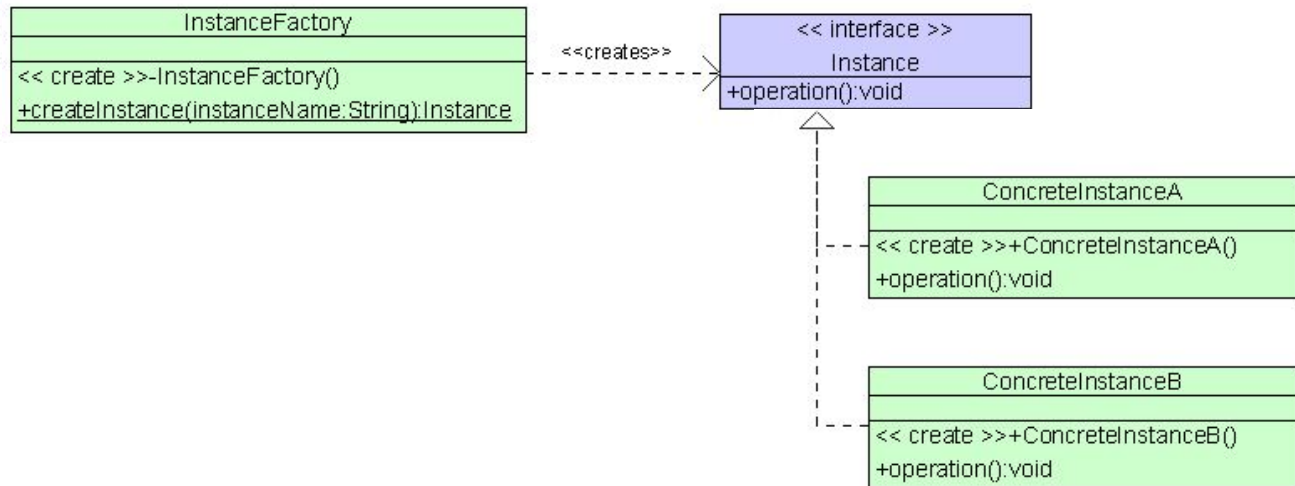
Design Patterns - Factory Method Pattern

The classic (or original) **GoF Factory Method** variant.



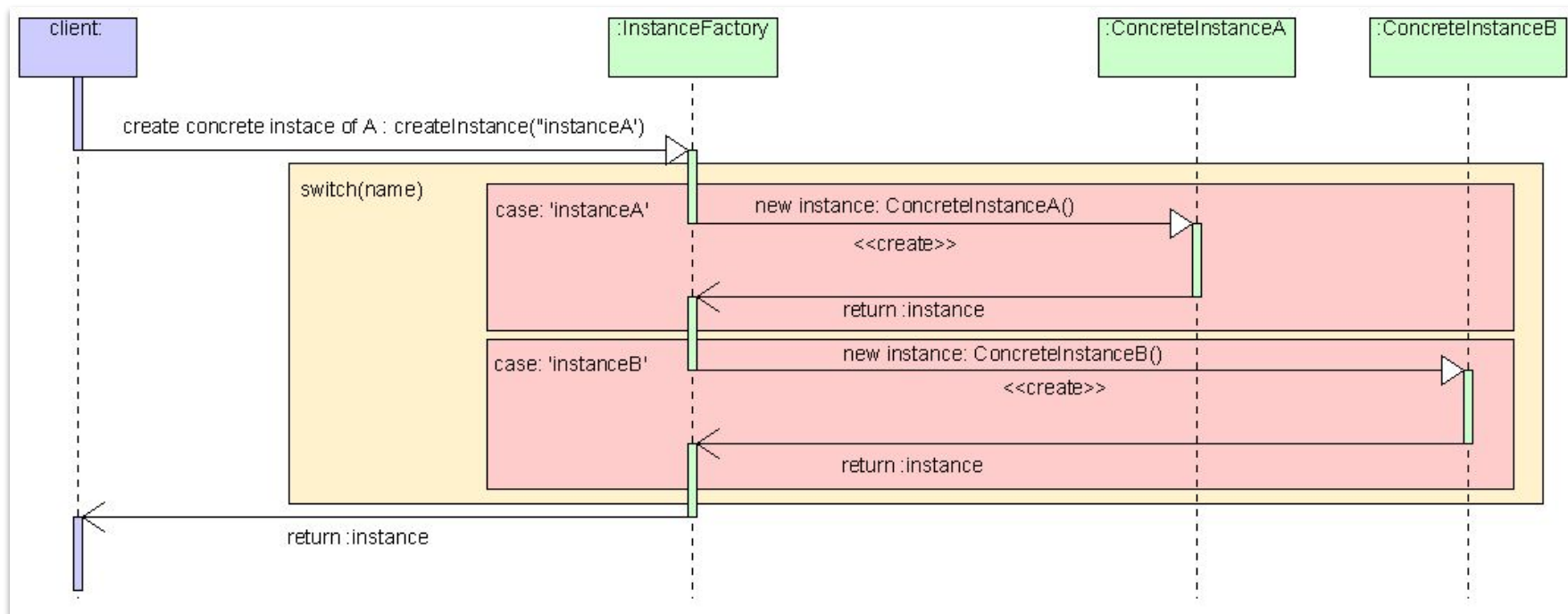
Design Patterns - Factory Method Pattern

Simple Factory Method variant (also called Parameterized Factory Method pattern)



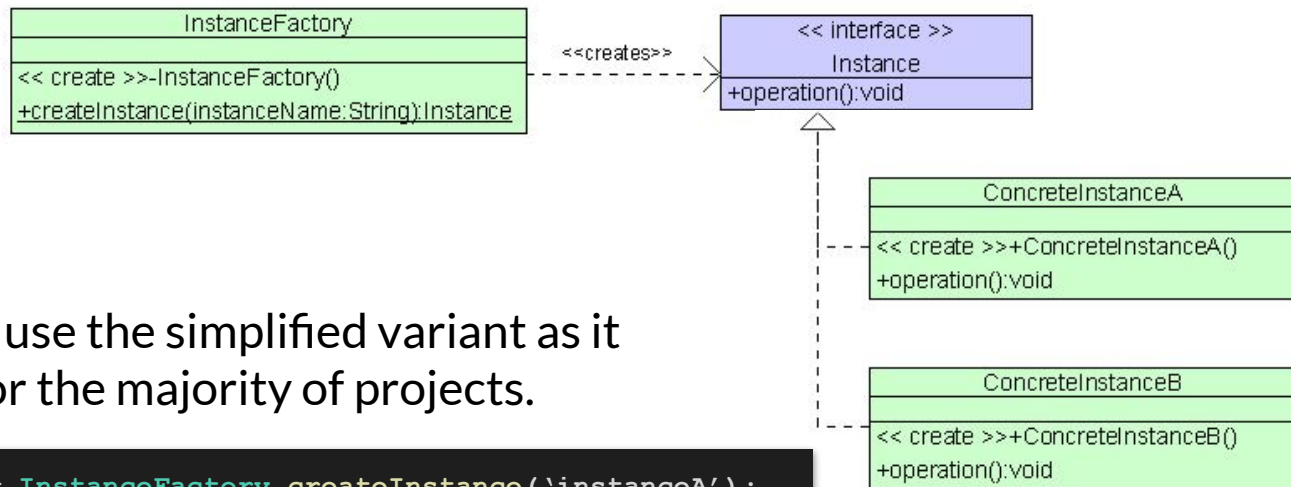
Design Patterns - Factory Method Pattern

Simple Factory Method variant (also called Parameterized Factory Method pattern)



Design Patterns - Factory Method Pattern

Simple Factory Method variant (also called Parameterized Factory Method pattern)



We are going to use the simplified variant as it is more useful for the majority of projects.

```
Instance instanceA = InstanceFactory.createInstance('instanceA');
Instance instanceB = InstanceFactory.createInstance('instanceB');
```

```
InstanceBuildContext context = // some initialization data
Instance myInstance = InstanceFactory.createInstance(context);
```