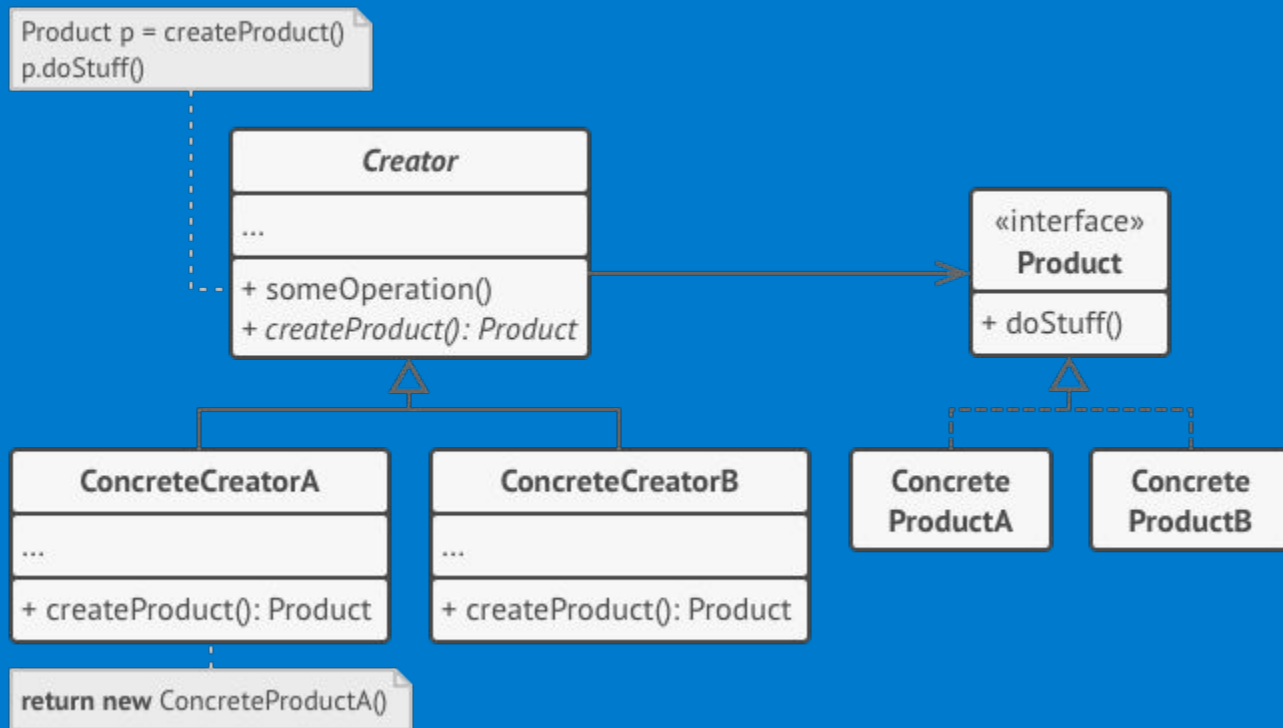


Factory Method em TypeScript

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Implementação



```
abstract class Creator {  
  
    public abstract factoryMethod():  
    Product;  
  
    public someOperation(): string {  
        const product =  
this.factoryMethod();  
        return `Creator: The same creator's  
code has just worked with  
${product.operation()}`;  
    }  
}
```

```
class ConcreteCreator1 extends Creator {  
    public factoryMethod(): Product {  
        return new ConcreteProduct1();  
    }  
}  
  
class ConcreteCreator2 extends Creator {  
    public factoryMethod(): Product {  
        return new ConcreteProduct2();  
    }  
}  
  
interface Product {  
    operation(): string;  
}
```

```
class ConcreteProduct1 implements Product {  
    public operation(): string {  
        return '{Result of the  
ConcreteProduct1}';  
    }  
}
```

```
class ConcreteProduct2 implements Product {  
    public operation(): string {  
        return '{Result of the  
ConcreteProduct2}';  
    }  
}
```

```
function clientCode(creator: Creator) {  
  
    console.log('Client: I\'m not aware of  
the creator\'s class, but it still  
works.');
```

```
    console.log(creator.someOperation());  
}
```

```
console.log('App: Launched with the  
ConcreteCreator1.');
```



```
clientCode(new ConcreteCreator1());  
console.log('');
```

```
console.log('App: Launched with the  
ConcreteCreator2.');
```



```
clientCode(new ConcreteCreator2());
```

Perguntas?