













Direct constructor calls may suffice for simple cases:

```
Fred f=new Fred(); // Instance of class Fred
```

- However, you may use more elaborate creational patterns to:
 - Select between several sub-classes, each optimized for different conditions.
 - Configure objects as they are created.
 - Use pooling.



Factory

A central point for instance creation. May select which sub-class to create according to conditions.

Abstract Factory

Select between several possible factories, where each factory generates its own family of objects.



Builder

When constructing complex objects with multiple parts, separates the construction algorithm from the internal representation.

Prototype

Clone an existing instance.

Singleton

A class of which there can be at most one instance.