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org.apache.commons.collections4

## Interface Factory<T>

* Type Parameters: T - the type that the factory creates All Known Implementing Classes: [ConstantFactory](http://docs.google.com/org/apache/commons/collections4/functors/ConstantFactory.html), [ExceptionFactory](http://docs.google.com/org/apache/commons/collections4/functors/ExceptionFactory.html), [InstantiateFactory](http://docs.google.com/org/apache/commons/collections4/functors/InstantiateFactory.html) Functional Interface: This is a functional interface and can therefore be used as the assignment target for a lambda expression or method reference.  
    
  [@FunctionalInterface](https://docs.oracle.com/javase/7/docs/api/java/lang/FunctionalInterface.html?is-external=true)  
  public interface Factory<T>  
  Defines a functor interface implemented by classes that create objects.  
  A Factory creates an object without using an input parameter. If an input parameter is required, then [Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html) is more appropriate.  
  Standard implementations of common factories are provided by [FactoryUtils](http://docs.google.com/org/apache/commons/collections4/FactoryUtils.html). These include factories that return a constant, a copy of a prototype or a new instance.Since: 2.1

### Method SummaryAll Methods Instance Methods Abstract Methods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + [T](http://docs.google.com/org/apache/commons/collections4/Factory.html) | * + [create](http://docs.google.com/org/apache/commons/collections4/Factory.html#create--)() Create a new object. |

### Method Detail

#### create [T](http://docs.google.com/org/apache/commons/collections4/Factory.html) create() Create a new object.Returns: a new object Throws: [FunctorException](http://docs.google.com/org/apache/commons/collections4/FunctorException.html) - (runtime) if the factory cannot create an object

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