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org.apache.commons.beanutils

## Interface BeanIntrospector

* All Known Implementing Classes: [DefaultBeanIntrospector](http://docs.google.com/org/apache/commons/beanutils/DefaultBeanIntrospector.html), [FluentPropertyBeanIntrospector](http://docs.google.com/org/apache/commons/beanutils/FluentPropertyBeanIntrospector.html), [SuppressPropertiesBeanIntrospector](http://docs.google.com/org/apache/commons/beanutils/SuppressPropertiesBeanIntrospector.html)  
    
  public interface BeanIntrospector  
  Definition of an interface for components that can perform introspection on bean classes.  
  Before [PropertyUtils](http://docs.google.com/org/apache/commons/beanutils/PropertyUtils.html) can be used for interaction with a specific Java class, the class's properties have to be determined. This is called *introspection* and is initiated automatically on demand. PropertyUtils does not perform introspection on its own, but delegates this task to one or more objects implementing this interface. This makes it possible to customize introspection which may be useful for certain code bases using non-standard conventions for accessing properties.Since: 1.9 Version: $Id$

### Method SummaryAll Methods Instance Methods Abstract Methods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + void | * + [introspect](http://docs.google.com/org/apache/commons/beanutils/BeanIntrospector.html#introspect-org.apache.commons.beanutils.IntrospectionContext-)([IntrospectionContext](http://docs.google.com/org/apache/commons/beanutils/IntrospectionContext.html) icontext) Performs introspection on a Java class. |

### Method Detail

#### introspect void introspect([IntrospectionContext](http://docs.google.com/org/apache/commons/beanutils/IntrospectionContext.html) icontext) throws [IntrospectionException](https://docs.oracle.com/javase/7/docs/api/java/beans/IntrospectionException.html?is-external=true) Performs introspection on a Java class. The current class to be inspected can be queried from the passed in IntrospectionContext object. A typical implementation has to obtain this class, determine its properties according to the rules it implements, and add them to the passed in context object.Parameters: icontext - the context object for interaction with the initiator of the introspection request Throws: [IntrospectionException](https://docs.oracle.com/javase/7/docs/api/java/beans/IntrospectionException.html?is-external=true) - if an error occurs during introspection

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