ThriftJavaBeans

If you add the "beans" option to the Java generator like this:

```
thrift --gen java:beans  file.thrift
```

Thrift will generate [WikiPedia](#):JavaBean style classes.

Properties of Generated [JavaBean](#) Classes

1. All member fields are `private`.
2. All member fields have mixed-cased getter and setter methods. For example, if the field is named "myValue", the methods will be "getMyValue" and "setMyValue".
3. Getter methods for boolean fields begin with "is", for example, "isMyValue".

The Nested Isset Class

Each generated Bean class has public field named `__isset`, which is an instance of a nested class named `Isset`.

Each member field in the parent class has a corresponding `public boolean` field in the `Isset` class with the same name.

1. Setter methods update the corresponding `__isset` fields.
2. Each member field has an "unset" method, like "unsetMyValue", which erases the field's value and updates the corresponding `__isset` field.
3. Member fields whose corresponding `__isset` field is `false` will be omitted from the serialized output.

`__isset` is necessary because Java primitives cannot be `null`. See discussion of [THRIFT-33](#).

See the [Thrift Whitepaper](#) for more information on the Isset class.