

Custom Writers

Abdera includes the ability to plug in custom serializers. These are implementations of the `org.apache.abdera.writer.Writer` interface and are configured via the classpath.

There are two custom Writer implementations that ship with Abdera. The PrettyXML writer and a JSON Writer.

Pretty XML Writer

The Pretty XML Writer is always available.

Using the 0.3.0-incubating release

```
abdera.getWriterFactory().getWriter("prettyxml").writeTo(feed, System.out);
```

Using the current trunk

```
feed.writeTo("prettyxml", System.out);
```

JSON Writer

The JSON XML Writer is provided by the JSON Extension Jar

Using the 0.3.0-incubating release

```
abdera.getWriterFactory().getWriter("json").writeTo(entry, System.out);
```

Using the current trunk

```
feed.writeTo("json", System.out);
```

The JSON Writer is only capable of writing Atom Entry documents.

Custom Writers

You can implement your own Writer by extending the `AbstractNamedWriter` class.

MyWriter.java

```
public class MyWriter extends AbstractNamedWriter {
    private static final String[] FORMATS = {
        "application/custom",
    };

    public MyWriter() {
        super("mywriter", FORMATS);
    }

    //... impl methods
}
```

Once implemented, the custom writer is registered with Abdera by listing the full class name of the writer in the `META-INF/services/org.apache.abdera.writer.NamedWriter` file. You can include this file in your applications jar or classpath and it will be automatically discovered by Abdera.