

```

        throws JMSEException;
    /**
     * Implementors of JMSMessageConverter must either provide
     * a suitable builder or implement the Configurable interface.
     */
    public interface Builder {
        public JMSMessageConverter build(Context context);
    }
}

```

例 3-13 列出了 MS Message Converter 的一个示例，用来从读取格式为 JSON 的 JMS 消息并转换成 Flume 事件。转换器可以实现 Configurable 接口来接受配置，JMS Source 通过 converter 前缀传递任何指定的配置给转换器。转换器接收了配置就可以知道转换 JSON 事件为 Flume 事件是使用什么字符集的。

#### 例3-13 JMS Message Converter的示例

```

package usingflume.ch03;

public class JsonMessageConverter implements JMSMessageConverter,
    Configurable {

    private static final Logger LOGGER =
        LoggerFactory.getLogger(JsonMessageConverter.class);
    private final Type listType
        = new TypeToken<List<JSONEvent>>() {
    }.getType();
    private final Gson gson
        = new GsonBuilder().disableHtmlEscaping().create();
    private String charset = "UTF-8";

    @Override
    public List<Event> convert(javax.jms.Message message)
        throws JMSEException {

        Preconditions.checkState(message instanceof TextMessage,
            "Expected a text message, but the message received " +
            "was not Text");
        List<JSONEvent> events =
            gson.fromJson(((TextMessage) message).getText(), listType);
        return convertToNormalEvents(events);
    }

    private List<Event> convertToNormalEvents(List<JSONEvent> events) {
        List<Event> newEvents = new ArrayList<Event>(events.size());
        for(JSONEvent e : events) {

```