

PrintWriter

PrintWriterProcessor

```
package com.fr.stable.fun;

import com.fr.stable.fun.mark.Immutable;

import javax.servlet.http.HttpServletResponse;
import java.io.IOException;
import java.io.PrintWriter;

/**
 *
 */
public interface PrintWriterProcessor extends Immutable {

    String MARK_STRING = "PrintWriterProcessor";

    int CURRENT_LEVEL = 1;

    /**
     *
     * @param res HTTP
     * @param charsetName
     * @return
     */
    PrintWriter createPrintWriter(HttpServletResponse res, String charsetName) throws IOException;
}
```

```

public class DefaultPrintWriterProcessor extends AbstractPrintWriterProcessor {
    private static DefaultPrintWriterProcessor instance = new DefaultPrintWriterProcessor();

    public static DefaultPrintWriterProcessor getInstance() {
        return instance;
    }

    public PrintWriter createPrintWriter(HttpServletResponse res, String charsetName) throws IOException {
        PrintWriter writer;
        try {
            /**
             * Weblogic8.1setCharacterEncodingcontentType
             */
            try {
                res.setCharacterEncoding(charsetName); // Servlet
            } catch (Throwable throwable) {
                // do nothing
            }

            // ContentType
            String contentType = null;
            try {
                contentType = res.getContentType();
            } catch (Throwable throwable) {
                // do nothing
            }
            // contentTypecontentType
            if (StringUtil.isBlank(contentType)) {
                /*
                 * alex:text/html,js,css
                 * Btext/html, </html>
                 *
                 * ajaxresponseText,text/plain,<pre></pre>
                 * ,text/html,,text/html,
                 */
                res.setContentType("text/html;charset=" + charsetName);
            } // james:charsetcharset
            else if (!contentType.contains("charset=")) {
                res.setContentType(contentType + ";charset=" + charsetName);
            }

            // jamesWriter
            writer = new PrintWriter(new OutputStreamWriter(res.getOutputStream(), charsetName));
        } catch (UnsupportedEncodingException unsupportedEncodingException) {
            FRLogger.getLogger().error(unsupportedEncodingException.getMessage());
            writer = new PrintWriter(res.getOutputStream());
        }

        return writer;
    }
}

```

```

<extra-core>
    <PrintWriterProcessor class="com.fr.solution.xxx.YourXXXClassName"/>
</extra-core>

```