com.fr.report.fun.ExportExtensionProcessor

ExportOperateProviderExportExtensionProcessorcptcpt

ExportExtensionProcessor.java

```
package com.fr.report.fun;

import com.fr.io.collection.ExportCollection;
import com.fr.stable.fun.mark.Immutable;
import com.fr.web.core.ReportSessionIDInfor;
import com.fr.web.core.TemplateSessionIDInfo;

import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

/**
 *
 */
public interface ExportExtensionProcessor extends Immutable{

    String MARK_TAG = "ExportExtensionProcessor";

    int CURRENT_LEVEL = 1;


    /**
     *
     * @param req HTTP
     * @param sessionIDInfor
     * @return
     */
    String fileName(HttpServletRequest req, TemplateSessionIDInfo sessionIDInfor) throws Exception;

    /**
     *
     * @param req HTTP
     * @param res HTTP
     * @param sessionIDInfor
     * @param format
     * @param fileName
     * @param isEmbed
     * @return
     * @throws Exception
     */
    ExportCollection createCollection(HttpServletRequest req, HttpServletResponse res,
                                      ReportSessionIDInfor sessionIDInfor, String format,
                                      String fileName, boolean isEmbed) throws Exception;
}
```

DefaultExportExtension.java

```
package com.fr.web.core.reserve;

import com.fr.data.NetworkHelper;
import com.fr.general.web.ParameterConstants;
import com.fr.io.collection.ExportCollection;
import com.fr.report.fun.impl.AbstractExportExtension;
import com.fr.web.Browser;
import com.fr.web.core.ReportSessionIDInfor;
import com.fr.web.core.TemplateSessionIDInfo;

import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

/**
 * Created by richie on 15/11/30.
 */
public class DefaultExportExtension extends AbstractExportExtension {

    public String fileName(HttpServletRequest req, TemplateSessionIDInfo sessionIDInfor) throws Exception {
        // carl:,
        String fileName = NetworkHelper.getHTTPRequestFileNameParameter(req);

        //barry:op=fs
        if (fileName == null) {
            fileName = (String) sessionIDInfor.getParameterValue(ParameterConstants.__FILENAME__);
        }
        if (fileName == null) {
            //p:.
            fileName = sessionIDInfor.getWebTitle().replaceAll("\\s", "_");
            //shoc
            fileName = fileName.replaceAll(",", "_");
        }

        Browser browser = Browser.resolve(req);

        fileName = browser.getEncodedFileName4Download(fileName);
        return fileName;
    }

    public ExportCollection createCollection(HttpServletRequest req, HttpServletResponse res,
                                             ReportSessionIDInfor sessionIDInfor, String format,
                                             String fileName, boolean isEmbed) throws Exception {
        Operate operate = ExportFactory.getOperate(format.toLowerCase());
        if (operate != null) {
            operate.setContent(req, res, sessionIDInfor, fileName, isEmbed);
            return operate.newExportCollection(req, res, sessionIDInfor, fileName);
        }
        return ExportCollection.create();
    }
}
```

ExportCollection

FR	8.0		
FR	9.0		
FR	10.0		
BI	3.6		BI
BI	4.0		BI
BI	5.1		BI

BI	5.1.2		BI
BI	5.1.3		BI

plugin.xml

```
<extra-report>
        <ExportExtensionProcessor class="your class name"/>
</extra-report>
```

web10.0ExportServiceop=exportdealWithExportExportExtension

ImmutableDefaultExportExtension

cpt

demodemo-export-extension-processor

com.fr.report.fun.ExportOperateProvider

com.fr.stable.fun.ExcelExportCellValueProvider

com.fr.form.stable.FormExportProcessor

com.fr.report.fun.ExcelExportAppProvider

com.fr.report.fun.CommentExcelProcessor

com.fr.io.exporter.PDFExporterCreator

com.fr.report.fun.FormatActionProvider