PlateProvider

```
package com.fr.fs.fun;
import com.fr.fs.FSPlate;
import com.fr.stable.fun.Level;

/**
 * @author richie
 * @date 2015-04-14
 * @since 8.0
 */
public interface PlateProvider extends Level {

    String XML_TAG = "PlateProvider";

    int CURRENT_LEVEL = 1;

    /**
     *
     * @return
     */
    Class<? extends FSPlate> classForPlate();

    /**
     * FS.config.supportModules(JS)
     * @return
     */
    String mark();
}
```

FSPlate

```
package com.fr.fs;

import com.fr.data.dao.FieldColumnMapper;
import com.fr.data.dao.ObjectTableMapper;
import com.fr.data.dao.RelationFCMapper;
import com.fr.data.load.LazyExecutionJob;
import com.fr.fs.base.entity.PlatformManageModule;
import com.fr.fs.control.dao.tabledata.TableDataDAOControl.ColumnColumn;
import com.fr.fs.dao.EntryDAO;
import com.fr.stable.fun.Service;

import java.util.List;

/**
 *
 */
public interface FSPlate extends LazyExecutionJob {

    /**
     *
     */
    void initData();
```

```
/**
 * service
 *
 * @return
 */
Service[] service4Register();

/**
 * getRelationClass
 *
 * @return
 */
ObjectTableMapper[] mappers4Register();

/**
 * java objclass
 *
 * @return java objclass
 */
Class getRelationClass();

/**
 *
 *
 * @return
 */
ColumnColumn[] getTableDataColumns();

/**
 * Companycompany
 *
 * @return
 */
FieldColumnMapper[] columnMappers4Company();

/**
 * Customcustom
 *
 * @return
 */
FieldColumnMapper[] columnMappers4Custom();

/**
 *
 *
 * @return
 */
RelationFCMapper getRelationFCMapper4Custom();

/**
 *
 *
 * @return
 */
RelationFCMapper getRelationFCMapper4Company();

/**
 * id idplate getRelationClass
 *
 * @param id ID
 * @return (dao)
 */
Object createPrivilegeObject(long id);

/**
 * plateID
 *
 * @return plateID
 */
List<String> getAllPrivilegesID();
```

```
    /**
     * plateEntry
     *
     * @return platedao
     */
    List<EntryDAO> getEntryDaoAccess();

    /**
     *
     */
    void refreshManager();

    /**
     *
     */
    void release();

    /**
     *
     *
     * @return
     */
    boolean isSupport();

    /**
     *
     *
     * @return
     */
    boolean needPrivilege();

    /**
     * JS
     * @return JS
     */
    String[] getPlateJavaScriptFiles4WebClient();

    /**
     *
     * @return
     */
    String[] getPlateStyleFiles4WebClient();

    /**
     *
     * @return
     */
    String[] getLocaleFile();

    /**
     *
     * @return
     */
    PlatformManageModule[] supportPlatformManageModules();

}
```

PlatformManageModule

```
 package com.fr.fs.base.entity;

import com.fr.data.dao.DAOBean;
import com.fr.fs.base.PriorityGenerator;
import com.fr.general.ComparatorUtils;
import com.fr.json.JSONException;
import com.fr.json.JSONObject;

public class PlatformManageModule extends DAOBean{
   public static final String MARK_STRING = "PlatformManageModule";
```

```
private long parentId = -1;
private String name;
private String description;

private int priority;

private boolean appendToLast;

public PlatformManageModule() {
   this.priority = PriorityGenerator.generate();
}

public PlatformManageModule(long id) {
   this.id = id;
}

public PlatformManageModule(String name, String description, long id, long parentId) {
   this(name, description, id, parentId, PriorityGenerator.generate());
}

/**
 *
 * @param name
 * @param description
 * @param id
 * @param parentId 1
 * @param priority
 */
public PlatformManageModule(String name, String description, long id, long parentId, int priority) {
   this.name = name;
   this.description = description;
   this.id = id;
   this.parentId = parentId;
   this.priority = priority;
}

/**
 *
 * @param name
 * @param description
 * @param id
 * @param parentId 1
 * @param appendToLast
 */
public PlatformManageModule(String name, String description, long id, long parentId, boolean appendToLast) {
   this.name = name;
   this.description = description;
   this.id = id;
   this.parentId = parentId;
   this.appendToLast = appendToLast;
}

public long getParentId() {
   return parentId;
}

public void setParentId(long parentId) {
   this.parentId = parentId;
}

public String getName() {
   return name;
}

public void setName(String name) {
   this.name = name;
}

public String getDescription() {
   return description;
```

```
}

public void setDescription(String description) {
   this.description = description;
}

public int getPriority() {
   return priority;
}

public void setPriority(int priority) {
   this.priority = priority;
}

public boolean isAppendToLast() {
   return appendToLast;
}

 /**
  * JSON
  * @return JSON
  * @throws JSONException
  */
 public JSONObject createJSONConfig() throws JSONException {
     JSONObject jo = new JSONObject();
     jo.put("id", id);
     jo.put("text", name);
   jo.put("key", name);
     jo.put("value", id);
     jo.put("description", description);
     return jo;
 }

 /**
  * JSON
  * @param jo JSON
  * @throws JSONException
  */
public void parseJSON(JSONObject jo) throws JSONException {
   if (jo.has("id")) {
      this.setId(jo.getLong("id"));
   }
   if (jo.has("key")) {
      this.setName(jo.getString("key"));
   }
   if (jo.has("description")) {
      this.setDescription(jo.getString("description"));
   }
}

protected int hashCode4Properties() {
   final int prime = 31;
   int result = 1;
   result = prime * result
         + ((description == null) ? 0 : description.hashCode());
   result = prime * result + (int) (id ^ (id >>> 32));
   result = prime * result + ((name == null) ? 0 : name.hashCode());
   result = prime * result + (int) (parentId ^ (parentId >>> 32));
   return result;
}

 /**
  * 2
  * @param obj
  * @return
  */
public boolean equals4Properties(Object obj) {
   return obj instanceof PlatformManageModule
         && ((PlatformManageModule) obj).id == id
         && ((PlatformManageModule) obj).parentId == parentId
         && ComparatorUtils.equals(((PlatformManageModule) obj).name, name)
```

```
            && ComparatorUtils.equals(((PlatformManageModule) obj).description, description);
    }
}
```

Moderncom/fr/fs/resources/images/frame/fsmodule{id}.png{id}PlatformManageModuleid

WebFS.Design.op

web

```
$.extend(FS.Design.op, {

    {id}: function (designContainer) {
        FS.Plugin.DemoModule.init(designContainer);
    }
});
```

{id}PlatformManageModuleid

```
<extra-platform>
  <PlateProvider class="com.fr.plugin.xxx.youclassname"/>
</extra-platform>
```

~~http://cloud.finedevelop.com:2015/projects/fs/repos/plugins/browse/plugin-message~~