

## 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)
    }

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        && 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.fine-develop.com:2015/projects/fr/repos/plugins/browse/plugin-message>



plugin-message.zip