

# com.fr.design.fun.PresentKindProvider

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PresentKindProvider



## PresentKindProvider.java

```
package com.fr.design.fun;

import com.fr.base.present.Present;
import com.fr.design.beans.FurtherBasicBeanPane;
import com.fr.stable.fun.mark.Mutable;

/**
 * @author richie
 * @date 2015-05-22
 * @since 8.0
 */
public interface PresentKindProvider extends Mutable{

    int CURRENT_LEVEL = 1;

    String MARK_STRING = "PresentKindProvider";

    /**
     *
     * @return
     */
    FurtherBasicBeanPane<? extends Present> appearanceForPresent();

    /**
     *
     * @return
     */
    String title();

    /**
     *
     * @return
     */
    Class<? extends Present> kindOfPresent();

    /**
     *
     * @return
     */
    char mnemonic();
}
```

### FurtherBasicBeanPane.java

```
package com.fr.design.beans;

import com.fr.common.annotations.Open;
import com.fr.stable.StringUtils;

@Open
public abstract class FurtherBasicBeanPane<T> extends BasicBeanPane<T> {
    /**
     *
     *
     * @param ob
     * @return
     */
    public abstract boolean accept(Object ob);

    /**
     * title
     *
     * @return
     */
    @Override
    public String title4PopupWindow() {
        return StringUtils.EMPTY;
    }

    /**
     *
     */
    public abstract void reset();
}
```

### Present.java

```

package com.fr.base.present;

import com.fr.base.Style;
import com.fr.script.Calculator;
import com.fr.stable.ColumnRow;
import com.fr.stable.DependenceProvider;
import com.fr.stable.script.CalculatorProvider;
import com.fr.stable.script.ExTool;
import com.fr.stable.xml.XMLable;

/**
 *
 */
public interface Present extends DependenceProvider, XMLable {
    String XML_TAG = "Present";

    /**
     *
     *
     * @param value
     * @param calculator
     * @return
     */
    Object present(Object value, Calculator calculator);

    /**
     *
     *
     * @param value
     * @param calculator
     * @param cr
     * @return
     */
    Object present(Object value, Calculator calculator, ColumnRow cr);

    /**
     *
     *
     * @param calculator
     * @param exTool
     * @param currentCr
     * @date 2014-9-21-10:51:24
     */
    void analyzeCorrelative(CalculatorProvider calculator, ExTool exTool, ColumnRow currentCr);

    /**
     * NormalPresentpresent
     *
     * @return
     */
    Object getPresentPrototype();

    /**
     * style
     *
     *
     * @param cellStyle
     * @param value
     */
    Style modifyCellStyle(Style cellStyle, Object value);

    /**
     *
     *
     * @param value
     * @param calculator
     */
    void valuePretreatment(Object value, CalculatorProvider calculator);
}

```

## Painter.java

```
package com.fr.base;

import com.fr.json.JSONException;
import com.fr.json.JSONObject;
import com.fr.stable.core.NodeVisitor;
import com.fr.stable.html.Tag;
import com.fr.stable.web.Repository;
import com.fr.stable.xml.XMLable;

import java.awt.*;

/**
 *
 */
public interface Painter extends XMLable {

    /**
     *
     *
     * @param g
     * @param width
     * @param height
     * @param resolution
     * @param style
     */
    void paint(Graphics g, int width, int height, int resolution, Style style);

    /**
     * PainterJSON
     * @param visitor
     * @param repo
     * @param width
     * @param height
     * @return JSON
     */
    JSONObject toJSONObject(NodeVisitor visitor, Repository repo, int width, int height) throws JSONException ;

    /**
     * PainterJSON
     * @param visitor
     * @param repo
     * @param width
     * @param height
     * @param style
     * @return JSON
     */
    JSONObject toJSONObject(NodeVisitor visitor, Repository repo, int width, int height, Style style)
    throws JSONException ;

    /**
     * img tag
     * @param repo
     * @param width
     * @param height
     * @param style
     * @param tag html
     * @return JSON
     */
    void paintTag(Repository repo, int width, int height, Style style, Tag tag);
}
```

FR	8.0		
FR	9.0		
FR	10.0		

plugin.xml

```
<extra-designer>
    <PresentKindProvider class="your class name" />
</extra-designer>
```

PresentPanePresentKindProviderlist,appearanceForPresentUlcpt/frm

PresentKindProviderPresent/html/ 3  
PresentKindProvider+PresentKindProvider

demodemo-present-kind-provider

demo-show-present