

# com.fr.design.fun.PreviewProvider

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PreviewProvider [ActorProvider](#) PreviewProvider

## PreviewProvider.java

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

import com.fr.design.mainframe.JTemplate;
import com.fr.stable.Filter;
import com.fr.stable.fun.mark.Mutable;

import java.util.Map;

/**
 * @author richie
 * @date 2015-03-19
 * @since 8.0
 *
 */
public interface PreviewProvider extends Mutable, Filter<JTemplate> {

    String MARK_STRING = "PreviewProvider";

    int CURRENT_LEVEL = 1;

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

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

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

    /**
     *
     * @param jt
     */
    void onClick(JTemplate<?, ?> jt);

    /**
     *
     * @return
     */
    int previewTypeCode();

    /**
     *
     * @return
     */
    Map<String, Object> parametersForPreview();

    /**
     *
     * url
     * @return
     */
    String getActionType();

}
```

FR	8.0		
FR	9.0		
FR	10.0		

#### plugin.xml

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

## JWorkbook.java/JForm.java

```
package com.fr.design.mainframe;

...

public class JWorkbook extends JTemplate<Workbook, WorkbookUndoState> {

    ...

    /**
     *
     *
     * @return
     */
    @Override
    public PreviewProvider[] supportPreview() {
        PreviewProvider[] templatePreviews = super.supportPreview();
        return ArrayUtils.addAll(new PreviewProvider[]{
            new PagePreview(), new WritePreview(), new ViewPreview(), new WriteEnhancePreview(), new
MobilePreview()
        }, templatePreviews);
    }

    /**
     *
     *
     * @return
     */
    @Override
    public JMenuItem[] createMenuItem4Preview() {
        List<JMenuItem> menuItems = new ArrayList<JMenuItem>();
        PreviewProvider[] previewProviders = supportPreview();
        for (final PreviewProvider provider : previewProviders) {
            JMenuItem item = new JMenuItem(provider.nameForPopupItem(), BaseUtils.readIcon(provider.
iconPathForPopupItem()));
            item.addActionListener(new ActionListener() {
                @Override
                public void actionPerformed(ActionEvent e) {
                    provider.onClick(JWorkbook.this);
                }
            });
            menuItems.add(item);
        }
        return menuItems.toArray(new JMenuItem[menuItems.size()]);
    }

    @Override
    /**
     *
     */
    public Icon getPreviewLargeIcon() {
        PreviewProvider provider = getPreviewType();
        String iconPath = provider.iconPathForLarge();
        return BaseUtils.readIcon(iconPath);
    }

    ...
}
```

getActionTypeURLviewletActorProvider

accept

[demodemo-preview-provider](#)