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NameVideo URLURLJavaDoc

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3Size & Location; Background Formatting; Actions;

2Name; Video URL; URL2

Code Widget Properties

Name

Video Widget

Video URL


Size & Location

Background Formatting

Actions

CanvasWidgetPanel


- Name
- Size & Location
- Background Formatting
- Actions


Code Widget Properties 


Name

Video Widget

Video URL

Size & Location 

Background Formatting 

Actions 

1. CanvasWidgetPanel
2. buildSections
- 3.

#### VideoWidgetPanel.java

```
package com.hof.video;

import com.hof.mi.widgetcanvas.panelcollection.CanvasWidgetPanel;
import com.hof.mi.widgetcanvas.panelcollection.CanvasWidgetPanelInfo;

public class VideoWidgetPanel extends CanvasWidgetPanel {

    public VideoWidgetPanel(CanvasWidgetPanelInfo info) {
        super(info);
    }

    /**
     * Helper function that allows
     */
    @Override
    protected void buildSections() {
        super.buildSections();
        sections.add(1, new VideoWidgetURLSection());
        sections.add(2, new CollapsedVideoOptionsSection());
    }
}
```

buildSectionsYellowfinsuper.buildSections()super.buildSections()

URLsection.add(Integer, Section)

2Java

## VideoWidgetURLSection.java

```
package com.hof.video;

import com.hof.parameters.GeneralPanelOptions;
import com.hof.parameters.InputType;
import com.hof.parameters.Parameter;
import com.hof.parameters.ParameterDisplayRule;
import com.hof.parameters.ParameterImpl;
import com.hof.parameters.ParameterSection;
import java.util.LinkedList;
import java.util.List;
import java.util.Map;

public class VideoWidgetURLSection extends ParameterSection {

    /**
     * SectionKey is used by the front-end to create a unique panel/section combination to allow
     * quick removal, what is returned here should be unique
     */
    @Override
    public String getSectionKey() {
        return "youtube-url";
    }

    /**
     * The name of the Section that will be displayed to the user, if the section has display name
     * turned on
     */
    @Override
    public String getName() {
        return "Video URL";
    }

    /**
     * Parameters that will be available to a user in this section
     */
    @Override
    public List<Parameter> getParameters() {
        List<Parameter> parameterList = new LinkedList<>();

        ParameterImpl p = new ParameterImpl();
        p.setName("Video URL"); //Name that will be displayed to the user when they are editing this.
        p.setProperty("videoURL"); //Property that this will be stored as in the database, and the name of the
property to access when using getFormatValue
        p.setInputType(InputType.TEXTBOX); //Define this option as a textbox
        p.setModelKey("formats"); //All of the options are saved in formats.
        p.addViewOption("width", "240px"); //Set the display width of the textbox to 250px
        parameterList.add(p);
        return parameterList;
    }

    @Override
    public List<ParameterDisplayRule> getDisplayRules() {
        return null;
    }

    @Override
    public GeneralPanelOptions getSectionOptions() {
        return null;
    }

    @Override
    public Map<String, ?> getData() {
        return null;
    }
}
```

## CollapsedVideoOptionsSection.java

```
package com.hof.video;

import com.hof.parameters.GeneralPanelOptions;
import com.hof.parameters.InputType;
import com.hof.parameters.Parameter;
import com.hof.parameters.ParameterDisplayRule;
import com.hof.parameters.ParameterImpl;
import com.hof.parameters.ParameterSection;
import java.util.LinkedList;
import java.util.List;
import java.util.Map;

public class CollapsedVideoOptionsSection extends ParameterSection {

    /**
     * SectionKey is used by the front-end to create a unique panel/section combination to allow
     * quick removal, what is returned here should be unique
     */
    @Override
    public String getSectionKey() {
        return "video-collapsed";
    }

    /**
     * The name of the Section that will be displayed to the user, if the section has display name
     * turned on
     */
    @Override
    public String getName() {
        return "Video Options";
    }

    /**
     * Parameters that will be available to a user in this section
     */
    @Override
    public List<Parameter> getParameters() {
        List<Parameter> parameterList = new LinkedList<>();

        ParameterImpl p = new ParameterImpl();
        p.setName("Video Start Time"); //Name that will be displayed to the user when they are editing this.
        p.setProperty("videoStartTime"); //Property that this will be stored as in the database, and the name
of the property to access when using getFormatValue
        p.setInputType(InputType.TEXTBOX); //Define this option as a textbox
        p.setModelKey("formats"); //All of the options are saved in formats.
        p.addViewOption("width", "240px"); //Set the display width of the textbox to 250px
        parameterList.add(p);
        return parameterList;
    }

    @Override
    public List<ParameterDisplayRule> getDisplayRules() {
        return null;
    }

    /**
     * Create the options for this section so that we can display in a
     * collapsed or expanded mode.
     */
    @Override
    public GeneralPanelOptions getSectionOptions() {
        GeneralPanelOptions options = new GeneralPanelOptions();
        options.setShowName(true);
        options.setExpandable(true);
        options.setExpanded(false);
    }
}
```

```
        return options;
    }

    @Override
    public Map<String, ?> getData() {
        return null;
    }
}
```

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API