

## Introduction

The class **Panel** is the abstract base class for all panels, which are widgets that can contain other widgets.

## Class declaration

Following is the declaration for **com.google.gwt.user.client.ui.Panel** class:

```
public abstract class Panel
    extends Widget
    implements HasWidgets.ForIsWidget
```

## Field

Following are the fields for **com.google.gwt.user.client.ui.Panel** class:

- **public static final java.lang.String DEBUG\_ID\_PREFIX** -- The element ID that you specify will be prefixed by the static string `DEBUG_ID_PREFIX`.

## Class constructors

### S.N. Constructor & Description

- |   |   |
|---|---|
| 1 | <b>Panel</b><br>This creates a Panel for the child classes. |
|---|---|

## Class methods

### S.N. Method & Description

- |   |  |
|---|--|
| 1 | <b>void addIsWidgetchild</b>   |
| 2 | <b>void addWidgetchild</b><br>Adds a child widget.   |
| 3 | <b>protected void adoptWidgetchild</b><br>Finalize the attachment of a Widget to this Panel.       |
| 4 | <b>protected void adoptWidgetw, Elementcontainer</b><br>Deprecated. Use <code>adoptWidget</code> . |
| 5 | <b>void clear</b>  |

6      **protected void disownWidget**

Removes all child widgets.

7      **protected void doAttachChildren**

Deprecated. Use `orphanWidget`.

8      **protected void doDetachChildren**

If a widget contains one or more child widgets that are not in the logical widget hierarchy *the child is physically connected only on the DOM level*, it must override this method and call `Widget.onAttach` for each of its child widgets.

9      **protected void orphanWidgetChild**

If a widget contains one or more child widgets that are not in the logical widget hierarchy *the child is physically connected only on the DOM level*, it must override this method and call `Widget.onDetach` for each of its child widgets.

10     **boolean removeIsWidgetChild**

This method must be called as part of the `remove` method of any `Panel`.

11     **abstract boolean removeWidgetChild**

Removes a child widget.

## Methods inherited

This class inherits methods from the following classes:

- `com.google.gwt.user.client.ui.UIObject`
- `com.google.gwt.user.client.ui.Widget`

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