

ClipRRect Widget in Flutter

The **ClipRRect** widget in flutter is used to clips its child using a rounded rectangle. It associates with the Clippers family. The main use of clippers is to clip out any portion of the widget as required. It behaves similar to that of *ClipRect* and is used to Clip a Rectangle portion of the child widget but with rounded corners

Constructor:

```
Syntax:
ClipRRect(
  {Key key,
  BorderRadius borderRadius: BorderRadius.zero,
  CustomClipper<RRect> clipper,
  Clip clipBehavior: Clip.antiAlias,
  Widget child})
```

Properties:

- **children:** The widgets below this widget in the tree.
- **hashCode:** The hash code for this object.
- **key:** Controls how one widget replaces another widget in the tree.
- **runtimeType:** A representation of the runtime type of the object.
- **clipBehaviour:** Controls how to clip.
- **clipper:** If non-null, determines which clip to use.
- **borderRadius:** The border radius of the rounded corners

Methods:

- **createRenderObject** (BuildContext context): This function takes in *RenderClipRect* as the object. *RenderObjectWidget* gives configuration instructions to create *RenderObject* class.

```
@override
RenderClipRect createRenderObject (
```

```
BuildContext context  
)  
override
```

- **debugFillProperties** (DiagnosticPropertiesBuilder properties): This function takes *void* as the object to allocate an additional property associated with the node.

```
@override  
void debugFillProperties (  
DiagnosticPropertiesBuilder properties  
)  
override
```

- **didUnmountRenderObject**(covariant RenderClipRect renderObject): This function also holds *void* as the object. When a widget is removed from the widget tree it returns a widget of the same type.

```
@override  
void didUnmountRenderObject (  
covariant RenderClipRect renderObject  
)  
override
```