

## CLASES DE FLUTTER

### RETO – TASKAPP



3:58 

## App Task

**firebase**

una descripcion que sera muy larga por parte de mi mano

30/05/2024

personal

**javascript**

descripcion muy larga

2024-05-31

Editar

trabajo

**dart**

descripcion

2024-05-30



## App Task

firebase

una descripcion que sera muy larga por parte de mi mano

30/05/2024

personal

javascript

descripcion muy larga

2024-05-31

Agregar yarea

Tt javascript

descripcion muy larga

Actualizar

✓ Personal

Trabajo

2024-05-31

rebase

una descripcion que sera muy larga por parte de mi mano

30/05/2024

personal

javascript

descripcion muy larga

2024-05-31

Agregar yarea

Tt

Titulo

Descripcion

Registrar

✓

Personal

Trabajo

Fecha

CODIGO

```
lib > pages > home_page.dart > HomePage > build
12 class HomePage extends StatelessWidget {
13   Widget build(BuildContext context) {
14     // ...
15     tasks = collection.docs.map((e) {
16       ModelTask modelTask = ModelTask.fromJson(
17         e.data() as Map<String, dynamic>); // ModelTask.fromJson
18       modelTask.id = e.id;
19       return modelTask;
20     }).toList();
21     TaskGeneral.clear();
22     TaskGeneral = tasks;
23
24     return ListView.builder(
25       itemCount: tasks.length,
26       shrinkWrap: true,
27       physics: const ScrollPhysics(),
28       itemBuilder: (BuildContext context, int index) {
29         tasks[index];
30         return WidgetContainerTask(
31           modelTask: tasks[index]); // WidgetContainerTask
32       }, // ListView.builder
33     );
34     return loadingWidget();
35   }) // StreamBuilder
36 }, // Column
37 ), // Dartfina
38
PROBLEMS 49 OUTPUT DEBUG CONSOLE TERMINAL PORTS
D/InputConnectionAdaptor( 4664): The input method toggled cursor monitoring on
I/flutter ( 4664): javascript
```

```
lib > models > model_task.dart > ModelTask > ModelTask.fromJson
1 class ModelTask {
2   ModelTask(
3     required this.date,
4     required this.categoria,
5     required this.status);
6
7   factory ModelTask.fromJson(Map<String, dynamic> json) => ModelTask(
8     id: json['id'] ?? '',
9     title: json['title'],
10    description: json['description'],
11    date: json['date'],
12    categoria: json['categoria'],
13    status: json['status'],
14  );
15
16  Map<String, dynamic> toJson() => {
17    'title': title,
18    'description': description,
19    'date': date,
20    'categoria': categoria,
21    'status': status
22  };
23 }
24
PROBLEMS 49 OUTPUT DEBUG CONSOLE TERMINAL PORTS
D/InputConnectionAdaptor( 4664): The input method toggled cursor monitoring on
```

```
services_firestore.dart 1 x formtask_widget.dart 5 search_task.dart buttonicon_widget.dart 1
lib > services > services_firestore.dart > MyServiceFirestore > UpdateTask
6 class MyServiceFirestore {
14   Future<String> addTask(ModelTask modelTask) async {
19   }
20
21   //delete
22
23   Future<void> finishedTask(String taskId) async {
24     await _collectionReference.doc(taskId).update({'status': false});
25   }
26
27   //update
28
29   Future<void> UpdateTask(ModelTask modelTask) async {
30     print(modelTask.toJson());
31     await _collectionReference.doc(modelTask.id).update({
32       'title': modelTask.title,
33       'descripcion': modelTask.descripcion,
34       'date': modelTask.date,
35       'status': true
36     });
37   }
38 }
39
```

```
buttonicon_widget.dart 1 x general_widget.dart container_task.dart 1 model_task.dart
lib > ui > widgets > buttonicon_widget.dart > WidgetButtonIcon > build
1 import 'package:flutter/material.dart';
2 import 'package:flutter_apptask/ui/general/colors.dart';
3
4 class WidgetButtonIcon extends StatelessWidget {
5   String texto;
6   Function onPressed;
7
8   WidgetButtonIcon({required this.texto, required this.onPressed});
9
10  @override
11  Widget build(BuildContext context) {
12    return SizedBox(
13      height: 40,
14      width: double.infinity,
15      child: ElevatedButton.icon(
16        onPressed: () {
17          onPressed();
18        },
19        style: ElevatedButton.styleFrom(
20          primary: kBrandPrimaryColor,
21          shape: RoundedRectangleBorder(
22            borderRadius: BorderRadius.circular(14.0),
23          ), // RoundedRectangleBorder
24        icon: Icon(Icons.save),
25        label: Text(
26          texto,
27          style: TextStyle(fontWeight: FontWeight.bold),
28        ),
29      ),
30    );
31  }
32}
33
```

PROBLEMS 49 OUTPUT DEBUG CONSOLE TERMINAL PORTS Filter (e.g. text, !exclude, !escape)

D:\InputConnectionAdaptor( 4664): The input method toggled cursor monitoring on

The screenshot shows an IDE with the Explorer panel on the left displaying a project structure. The file `container_task.dart` is selected under the `widgets` directory. The main editor displays the code for `WidgetContainerTask`, which extends `StatelessWidget`. The `build` method returns a `Container` widget with a white background, a circular border radius of 14, and a box shadow. The child is a `Stack` containing a `Column` with a `WidgetContainerCategoryTask` widget and a `Text` widget.

```
lib > ui > widgets > container_task.dart > WidgetContainerTask > WidgetContainerTask
9 class WidgetContainerTask extends StatelessWidget {
90
91   @override
92   Widget build(BuildContext context) {
93     return Container(
94       margin: const EdgeInsets.symmetric(vertical: 5, horizontal: 0),
95       padding:
96         const EdgeInsetsDirectional.symmetric(horizontal: 14, vertical: 16),
97       decoration: BoxDecoration(
98         color: Colors.white,
99         borderRadius: BorderRadius.circular(14),
100       boxShadow: [
101         BoxShadow(
102           color: Colors.black.withOpacity(0.04),
103           offset: const Offset(4, 4),
104           blurRadius: 12 // BoxShadow
105         )], // BoxDecoration
106       child: Stack(
107         children: [
108           Column(
109             crossAxisAlignment: CrossAxisAlignment.start,
110             children: [
111               WidgetContainerCategoryTask(
112                 categoria: modelTask.categoria,
113               ), // WidgetContainerCategoryTask
114               hdivider3(),
115               Text(
116
PROBLEMS 49 OUTPUT DEBUG CONSOLE TERMINAL PORTS Filter (e.g. text, !exclude, \escape)
D:\InputConnectionAdaptor( 4664): The input method toggled cursor monitoring on
I/flutter ( 4664): javascript
```

The screenshot shows the same IDE with the file `content_category_task.dart` selected. The code defines the `WidgetContainerCategoryTask` class, which extends `StatelessWidget` and takes a `String categoria` parameter. The `build` method returns a `Container` widget with a padding, a box shadow, and a `Text` widget with the category name in white font.

```
lib > ui > widgets > content_category_task.dart > WidgetContainerCategoryTask > build
1 import 'package:flutter/material.dart';
2 import 'package:flutter_apptask/ui/general/colors.dart';
3
4 class WidgetContainerCategoryTask extends StatelessWidget {
5   String categoria;
6
7   WidgetContainerCategoryTask({required this.categoria});
8
9   @override
10  Widget build(BuildContext context) {
11    return Container(
12      padding:
13        const EdgeInsetsDirectional.symmetric(horizontal: 8, vertical: 2),
14      decoration: BoxDecoration(
15        color: CategoryColor[categoria],
16        borderRadius: BorderRadius.circular(6)), // BoxDecoration
17      child: Text(
18        categoria,
19        style: TextStyle(color: Colors.white, fontSize: 10),
20      ), // Text
21    ); // Container
22  }
23
24 }
```

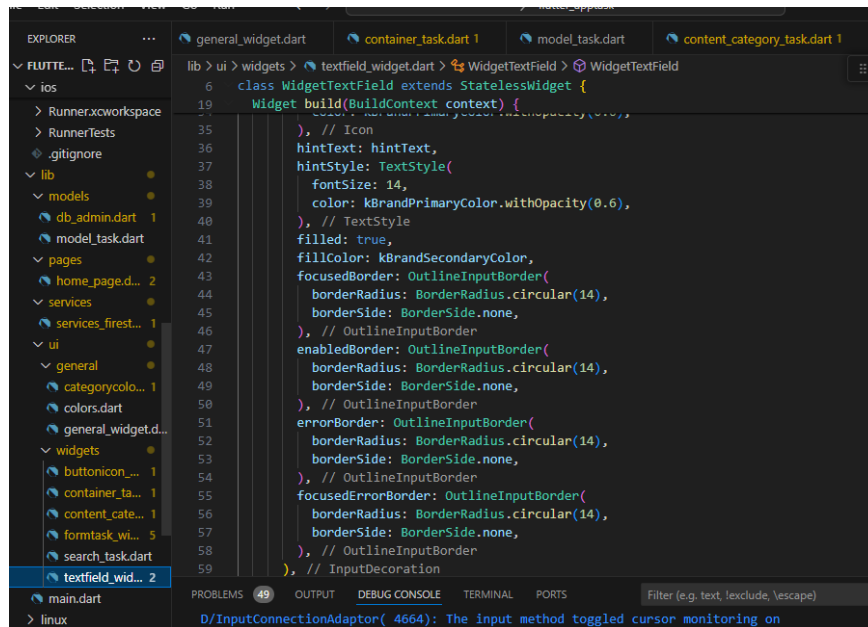
```
lib > ui > widgets > formtask_widget.dart > _WidgetFormTaskState
23 class _WidgetFormTaskState extends State<WidgetFormTask> {
135 Widget build(BuildContext context) {
193 padding: const EdgeInsets.symmetric(horizontal: 8),
194 selectedColor: CategoryColor[categorySelected],
195 checkmarkColor: Colors.white,
196 labelStyle: TextStyle(
197   color: categorySelected == 'personal'
198     ? Colors.white
199     : kBrandPrimaryColor), // TextStyle
200 label: Text('Personal'),
201 onSelect: (bool value) {
202   categorySelected = 'personal';
203   setState(() {});
204 },
205 // FilterChip
206 ],
207 ), // Wrap
208 Wrap(
209   crossAxisAlignment: WrapCrossAlignment.start,
210   runAlignment: WrapAlignment.start,
211   spacing: 10,
212   children: [
213     filterChip(
214       selected: categorySelected == 'trabajo',
215       backgroundColor: kBrandSecondaryColor,
216       padding: const EdgeInsets.symmetric(horizontal: 8),
217       selectedColor: CategoryColor[categorySelected],
218       checkmarkColor: Colors.white,
```

```
lib > ui > widgets > search_task.dart > SearchTask > SearchTask
1 import 'package:flutter/material.dart';
2 import 'package:flutter_apptask/models/model_task.dart';
3 import 'package:flutter_apptask/ui/widgets/container_task.dart';
4
5 class SearchTask extends SearchDelegate {
6   List<ModelTask> modelTask;
7
8   SearchTask({required this.modelTask});
9
10  @override
11  String? get searchFieldLabel => "Buscar tarea...";
12
13  @override
14  // TODO: implement searchFieldStyle
15  TextStyle? get searchFieldStyle => TextStyle(
16    fontSize: 16.0,
17  );
18
19  @override
20  List<Widget>? buildActions(BuildContext context) {
21    // TODO: implement buildActions
22    return [
23      IconButton(
24        onPressed: () {
25          query = "";
26        },
27        icon: Icon(
```

PROBLEMS (49) OUTPUT DEBUG CONSOLE TERMINAL PORTS Filter (e.g. text, !exclude, \escape)

D:\InputConnectionAdaptor( 4664): The input method toggled cursor monitoring on  
I/flutter ( 4664): javascript





Comentado [JC1]: