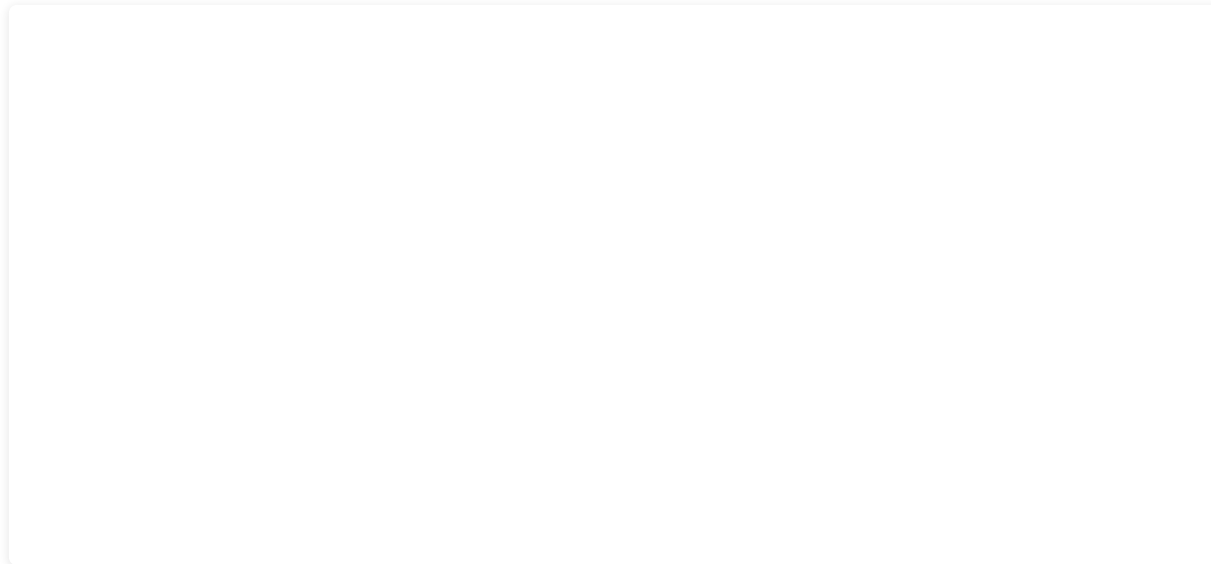


How to Show Date Picker on TextField Tap and Get Formatted Date in Flutter



Are you making a form in a mobile app that has date input field? Then look at the example below to learn how to implement a date picker on TextField() widget so that whenever the user taps on the field and the date picker dialogue will appear.

[See This Also: How to Show Time Picker on TextField Tap and Get Formatted Time](#)

[!\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#) **Dart Code to show Date Picker in Flutter:**

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```
DateTime pickedDate = await showDatePicker(  
  context: context, //context of current state  
  initialDate: DateTime.now(),  
  firstDate: DateTime(2000), //DateTime.now() - not to allow to choose  
  lastDate: DateTime(2101)  
);  
  
if(pickedDate != null ){  
  print(pickedDate); //pickedDate output format => 2021-03-10 00:00:00  
  String formattedDate = DateFormat('yyyy-MM-dd').format(pickedDate);  
  print(formattedDate); //formatted date output using intl package =>  
}else{  
  print("Date is not selected");  
}
```

🔗 To Implement Date Picker on TextField():

First of all, you need to add [intl Flutter package](#) in your dependency to get formatted date output from date picker. Add the following line in your pubspec.yaml file to add intl package to your project.

```
dependencies:  
  flutter:  
    sdk: flutter  
  intl: ^0.17.0
```

[!\[\]\(cead67df4d82d6c83effe4f8699a7d8f_img.jpg\) Full Dart Code:](#)

```
import 'package:flutter/material.dart';
import 'package:intl/intl.dart';

void main() {
  runApp(MyApp());
}

class MyApp extends StatelessWidget{
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: "Test App",
      home: HomePage(),
    );
  }
}

class HomePage extends StatefulWidget{
  @override
  State<StatefulWidget> createState() {
    return _HomePage();
  }
}

class _HomePage extends State<HomePage>{
  TextEditingController dateinput = TextEditingController();
  //text editing controller for text field

  @override
  void initState() {
    dateinput.text = ""; //set the initial value of text field
    super.initState();
  }
}
```

```

}

@override
Widget build(BuildContext context) {
  return Scaffold(
    appBar: AppBar(
      title: Text("DatePicker on TextField"),
      backgroundColor: Colors.redAccent, //background color of app
    ),
    body: Container(
      padding: EdgeInsets.all(15),
      height: 150,
      child: Center(
        child: TextField(
          controller: dateinput, //editing controller of this Text
          decoration: InputDecoration(
            icon: Icon(Icons.calendar_today), //icon of text field
            labelText: "Enter Date" //label text of field
          ),
          readOnly: true, //set it true, so that user will not ab
          onTap: () async {
            DateTime pickedDate = await showDatePicker(
              context: context, initialDate: DateTime.now(),
              firstDate: DateTime(2000), //DateTime.now() - not
              lastDate: DateTime(2101)
            );

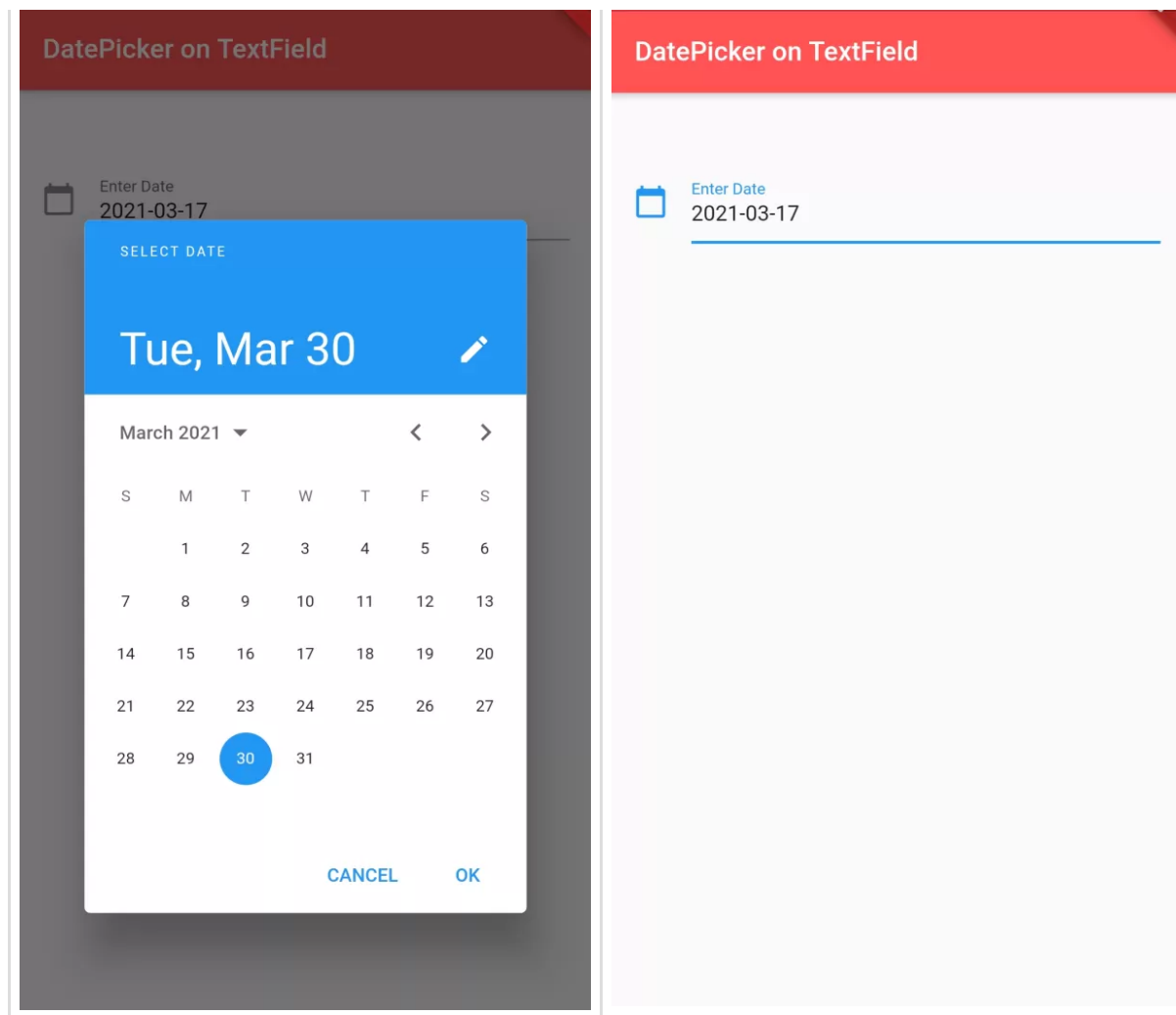
            if(pickedDate != null ){
              print(pickedDate); //pickedDate output format =>
              String formattedDate = DateFormat('yyyy-MM-dd').fo
              print(formattedDate); //formatted date output usin
              //you can implement different kind of Date Forma

```

```
        setState(() {
          dateinput.text = formattedDate; //set output da
        });
      }else{
        print("Date is not selected");
      }
    },
  ),
),
);
}
}
```

Output Screenshots:

DatePicker Dialogue when user taps on TextField.	Formatted date output from the date picker.




In this way, you can implement Date Picker on TextField Widget.

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