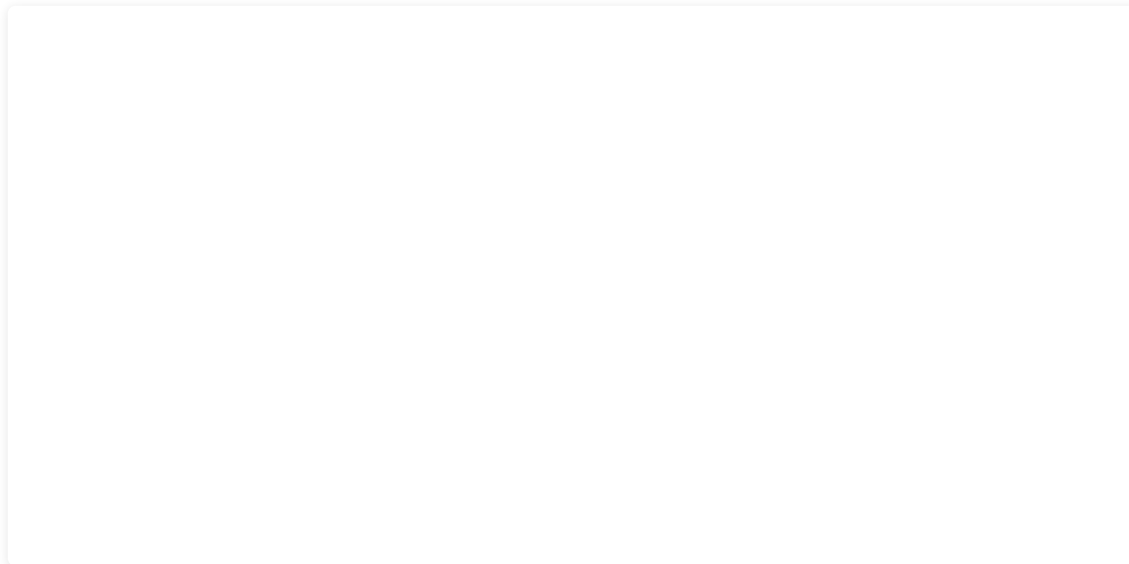FLUTTER UI     WIDGET     DATE TIME

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

In this example, you are going to make a TextFiled, and whenever the user taps on that field, the time picker dialogue will appear. We will get the formatted time from the picker and set that output value to TextField. See the example below to understand better.

**See This Also: How to Show Date Picker on TextField Tap and Get Formatted Date**

## 🔗 Dart Code to show Time Picker in Flutter:

```
TimeOfDay pickedTime =  await showTimePicker(
        initialTime: TimeOfDay.now(),
        context: context, //context of current state
    );

if(pickedTime != null ){
    print(pickedTime.format(context));    //output 10:51 PM
    DateTime parsedTime = DateFormat.jm().parse(pickedTime.format(c
    //converting to DateTime so that we can further format on diffe
    print(parsedTime); //output 1970-01-01 22:53:00.000
    String formattedTime = DateFormat('HH:mm:ss').format(parsedTime
    print(formattedTime); //output 14:59:00
    //DateFormat() is from intl package, you can format the time on
}else{
    print("Time is not selected");
}
```

## 🔗 To Implement Time Picker on TextField():

First of all, you need to add intl Flutter package in your dependency to get formatted time output from the time 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
```

## 🔗 Full Dart Code:

```dart
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 timeinput = TextEditingController();
  //text editing controller for text field

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

```dart
@override
Widget build(BuildContext context) {
  return Scaffold(
    appBar: AppBar(
      title:Text("TimePicker on TextField"),
      backgroundColor: Colors.redAccent, //background color o
    ),
    body:Container(
      padding: EdgeInsets.all(15),
      height:150,
      child:Center(
        child:TextField(
          controller: timeinput, //editing controller of this
          decoration: InputDecoration(
            icon: Icon(Icons.timer), //icon of text field
            labelText: "Enter Time" //label text of field
          ),
          readOnly: true,  //set it true, so that user will n
          onTap: () async {
            TimeOfDay pickedTime =  await showTimePicker(
                  initialTime: TimeOfDay.now(),
                  context: context,
              );

            if(pickedTime != null ){
                print(pickedTime.format(context));   //output
                DateTime parsedTime = DateFormat.jm().parse(p
                //converting to DateTime so that we can furth
                print(parsedTime); //output 1970-01-01 22:53:
                String formattedTime = DateFormat('HH:mm:ss')
                print(formattedTime); //output 14:59:00
                //DateFormat() is from intl package, you can
```
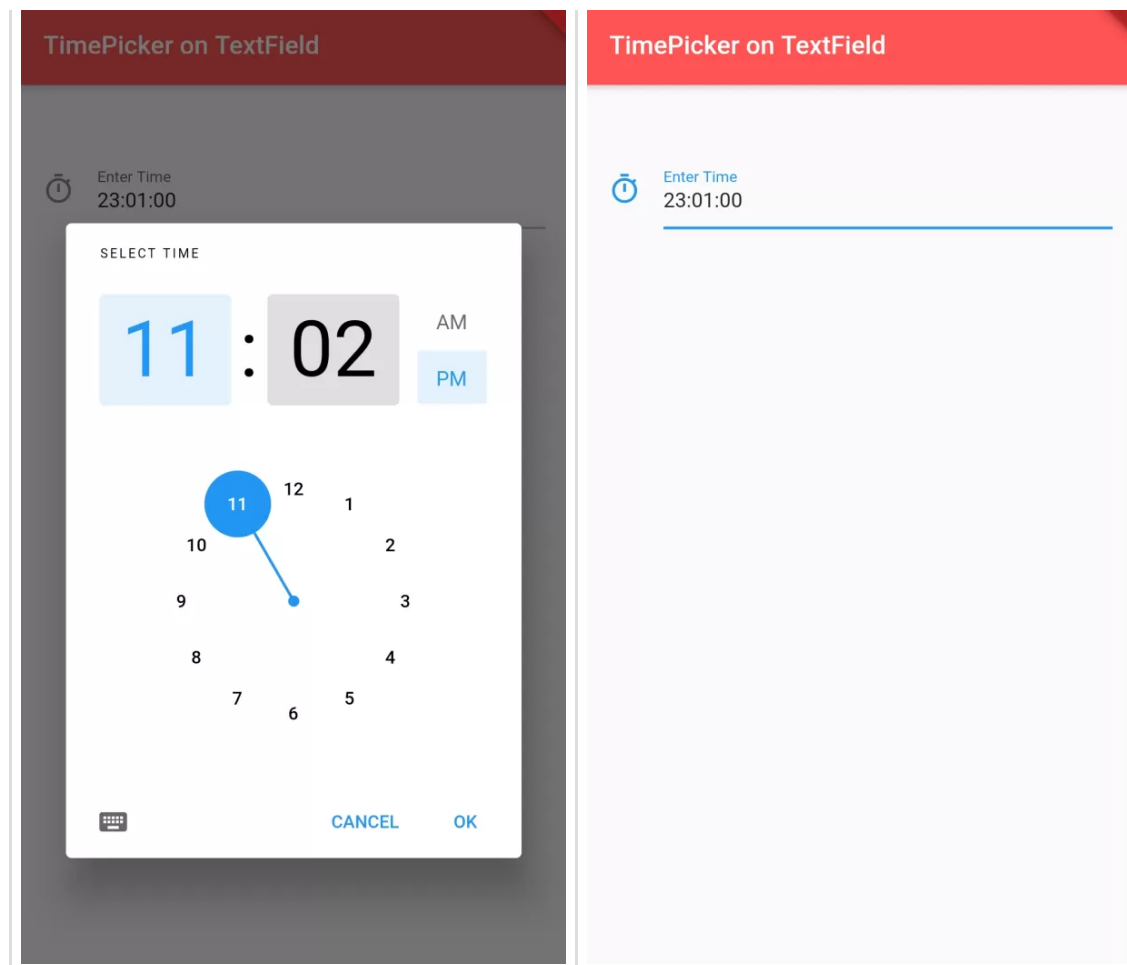
```
                setState(() {
                  timeinput.text = formattedTime; //set the v
                });
              }else{
                print("Time is not selected");
              }
            },
          )
        )
      )
    );
  }
}
```

## 🔗 Output Screenshots:

| TimePicker Dialogue appears on TextField tap. | Formatted Time on TextField after selecting time. |
|---|---|
|  |  |

In this way, you can show Time Picker whenever user clicks or press TextField and get formatted time from it.

**More Guides for Flutter Developers:**



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