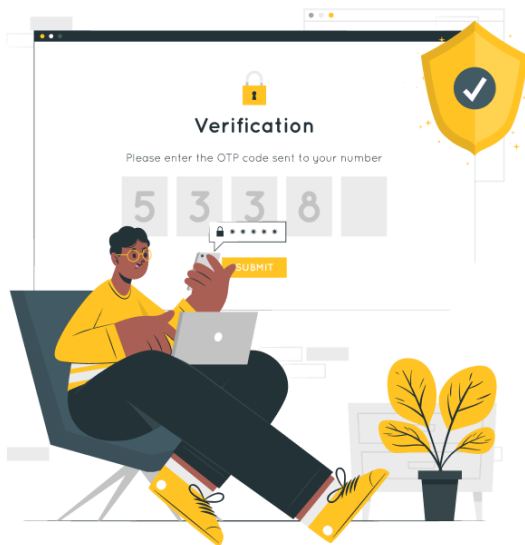


# Email OTP ?

generating and sending (OTPs) to users' email addresses



email\_otp 3.0

Flutter #1 Email OTP

Sender Package



Flutter Developer



@ Ahmed Hussein  
01114484229



### What is email\_otp package?

The email\_otp package is a Flutter library designed to simplify email-based authentication by generating and sending One-Time Passwords (OTPs) to users' email addresses. This approach enhances security by verifying user identities during processes like registration or password recovery.



### step1: Installation

```
1 dependencies:
2   email_otp: ^3.0.2
```



## step2: Configuration

Initialize the package in your main function:

```
1 void main() async {  
2   WidgetsFlutterBinding.ensureInitialized();  
3   EmailOTP.config(  
4     appName: 'OTP Testing App', // your app name  
5     otpType: OTPType.numeric, // or OTPType.alphaNumeric  
6     expiry: 1200000, // expiry duration in milliseconds (2 minutes)  
7     emailTheme: EmailTheme.v6, // or EmailTheme.v5  
8     appEmail: 'ahmed.dev229@gmail.com', // your email  
9     otpLength: 6,  
10  );  
11  
12  // or To send OTPs from a custom email address, set up your SMTP settings:  
13  EmailOTP.setSMTP(  
14    host: 'smtp.your-email-provider.com',  
15    emailPort: EmailPort.port587,  
16    secureType: SecureType.tls,  
17    username: 'your-email@example.com',  
18    password: 'your-email-password',  
19  );  
20 }
```





### step3: Sending an OTP

#### 1-Send an OTP to a user's email UI:

```
1 TextField(  
2     controller: _emailController,  
3     decoration: const InputDecoration(labelText: 'Enter your email'),  
4 ),  
5 const SizedBox(height: 16.0),  
6 ElevatedButton(  
7     onPressed: _sendOtp,  
8     child: const Text('Send OTP'),  
9 ),
```

#### 2-Send an OTP to a user's email Function:

```
1  /* Send OTP to the email entered by the user  
2  void _sendOtp() async {  
3      bool result = await EmailOTP.sendOTP(email: _emailController.text);  
4      setState(() {  
5          _statusMessage = result ? 'OTP sent successfully!' : 'Failed to send OTP.';  
6      });  
7  }
```



#### step4: Verifying an OTP

### 1-Verify the OTP entered by the user UI:



```
1  TextField(  
2    controller: _otpController,  
3    decoration: const InputDecoration(labelText: 'Enter OTP'),  
4  ),  
5  const SizedBox(height: 16.0),  
6  ElevatedButton(  
7    onPressed: _verifyOtp,  
8    child: const Text('Verify OTP'),  
9  ),
```

### 2-Verify the OTP entered by the user Function:



```
1  /* Verify the OTP entered by the user  
2    void _verifyOtp() async {  
3      bool result = EmailOTP.verifyOTP(otp: _otpController.text);  
4      setState(() {  
5        _statusMessage = result ? 'OTP verified successfully!' : 'Invalid OTP.';  
6      });  
7    }
```





**Ahmed Hussein**  
Flutter Developer

**THANK YOU**



**Was This Helpful?**

Like, Share and Follow  
for more Content



Like



Comment



Share



Save

