

## Exercise

We're building an email client like Outlook. Our client should be able to connect to different mail servers such as Gmail, Yahoo, etc.

In the **adapter** package, you can see an interface called **EmailProvider**. Our **EmailClient** class talks to this interface so it's not coupled to a particular mail service.

Here's the problem: In the **Gmail** package, you can find the class (or classes) that Google provides to connect to Gmail. These classes are shipped as a third-party library that we can add to our application. We want to re-use these classes but the **GmailClient** class does not extend our **EmailProvider** interface.

Use the adapter problem to convert the interface of GmailClient.