

Authenticating Requests for Secured APIs



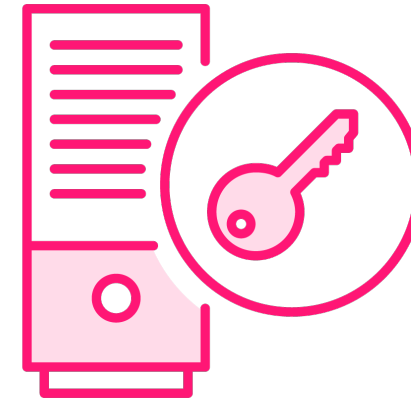
Mateo Prigl
Software Developer



OAuth 2.0 Flow



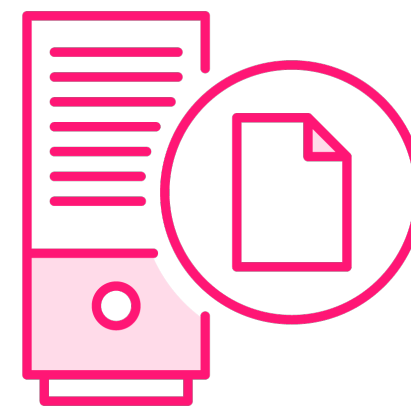
**Resource Owner
(User)**



**Authorization Server
(Google)**



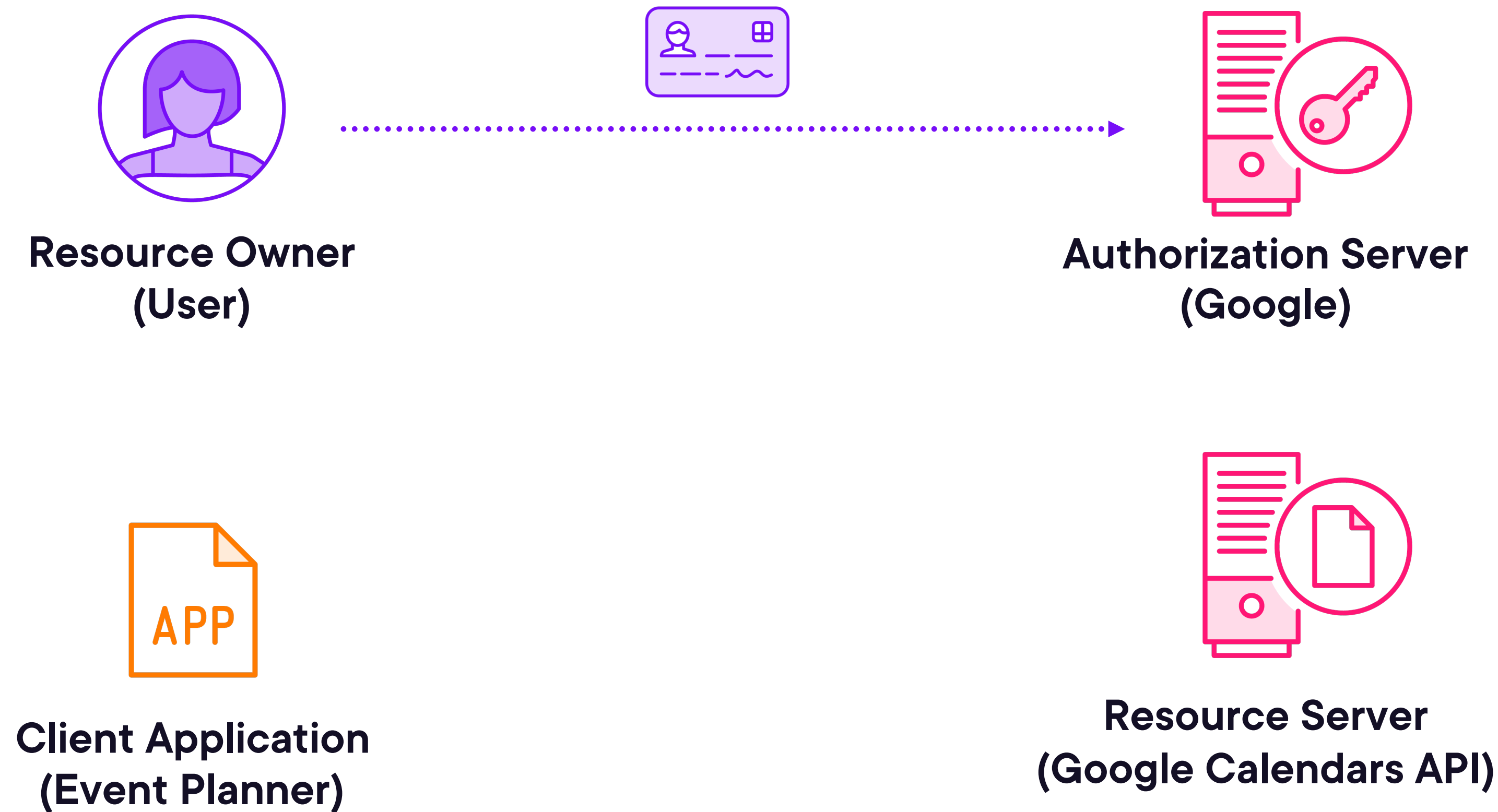
**Client Application
(Event Planner)**



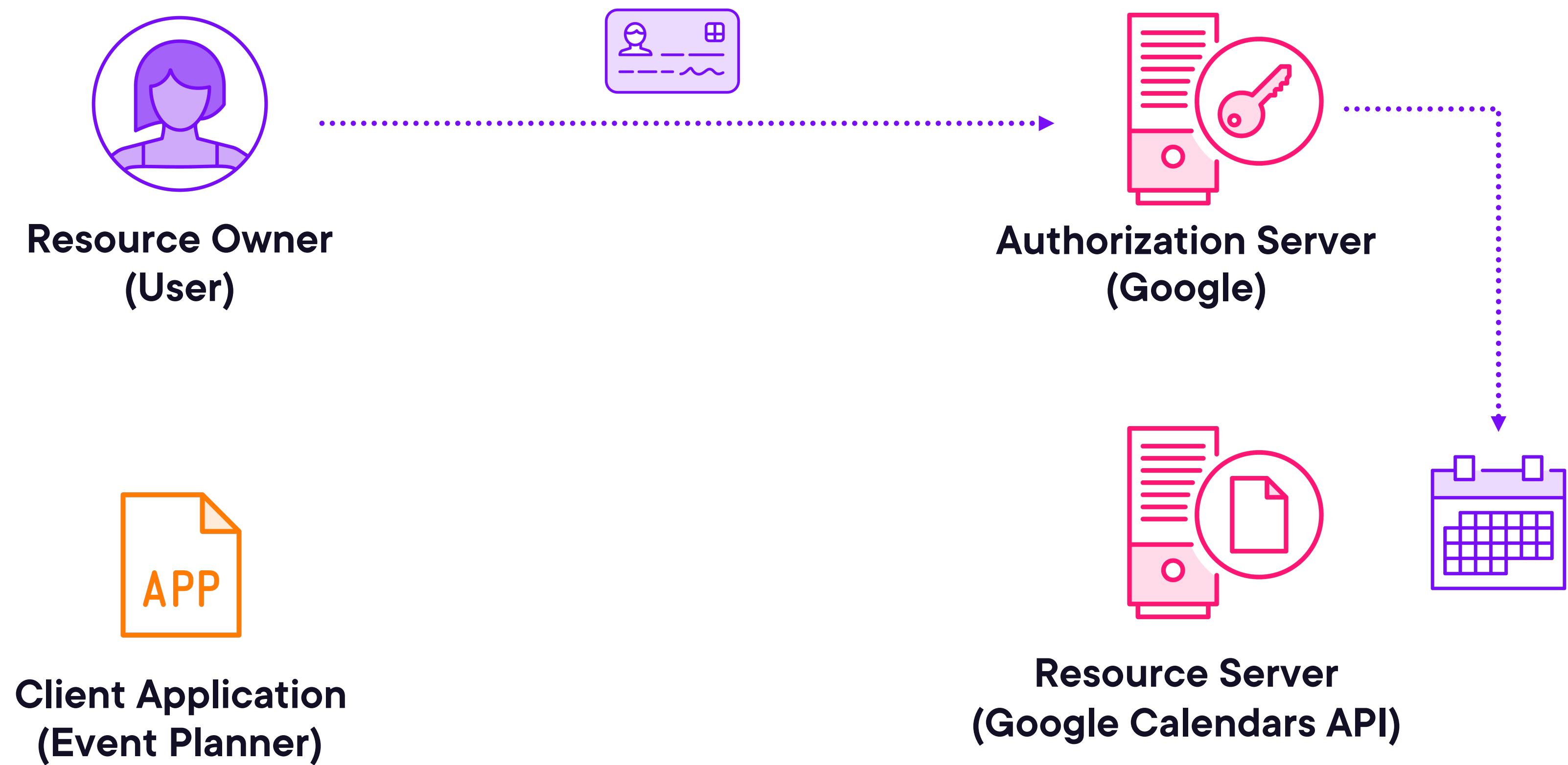
**Resource Server
(Google Calendars API)**



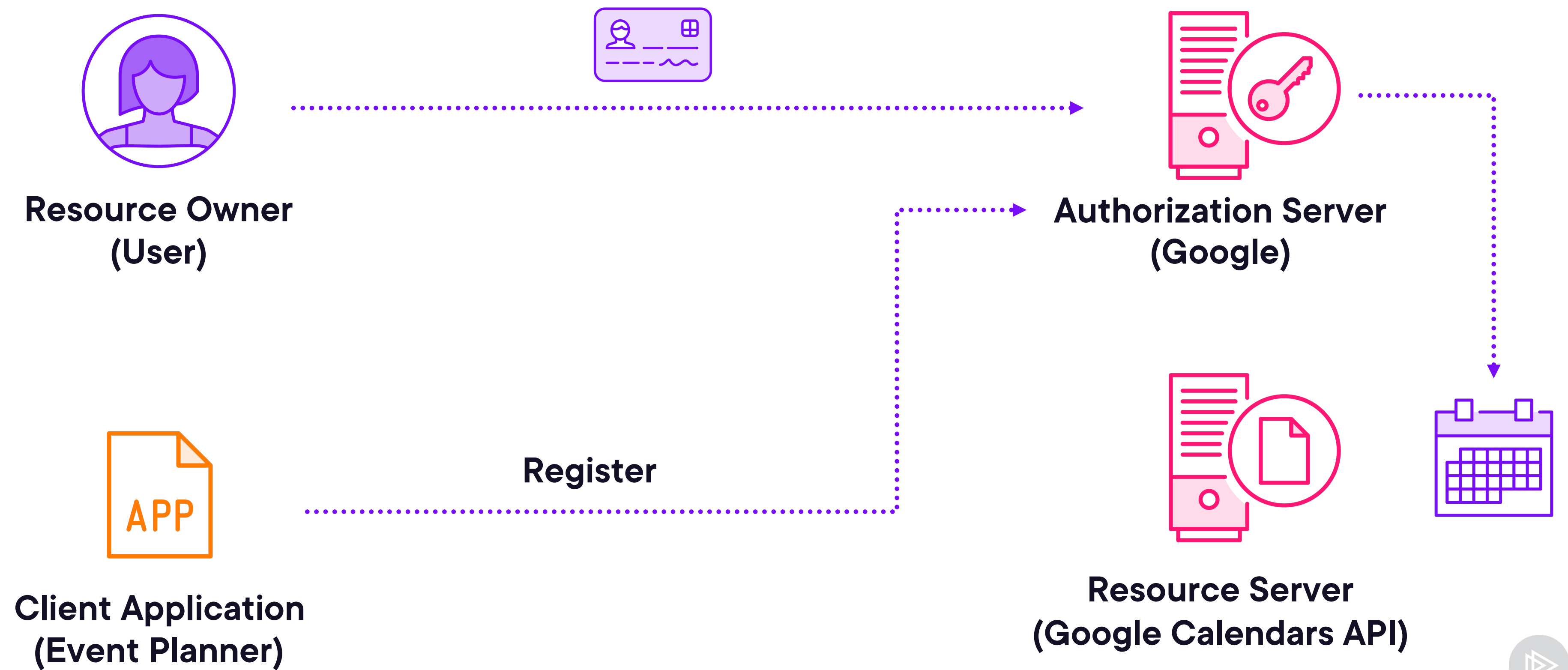
OAuth 2.0 Flow



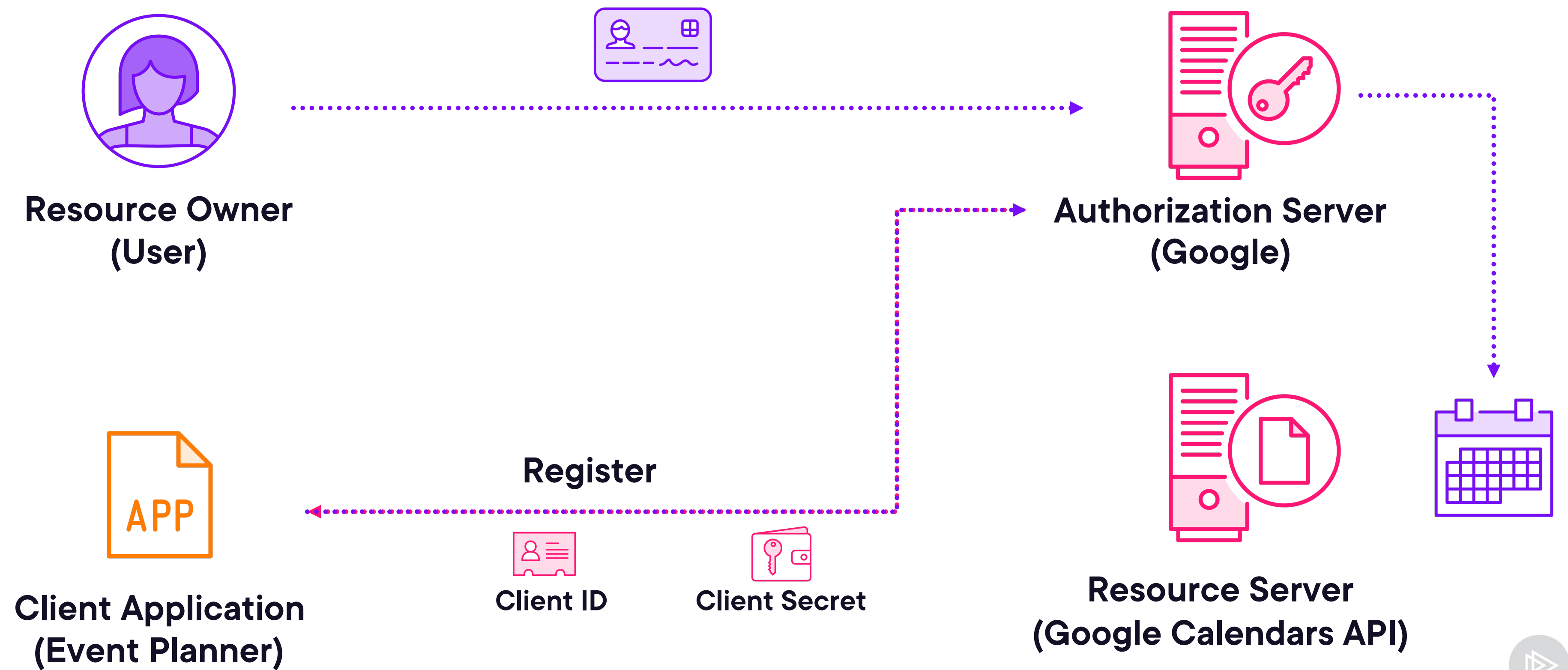
OAuth 2.0 Flow



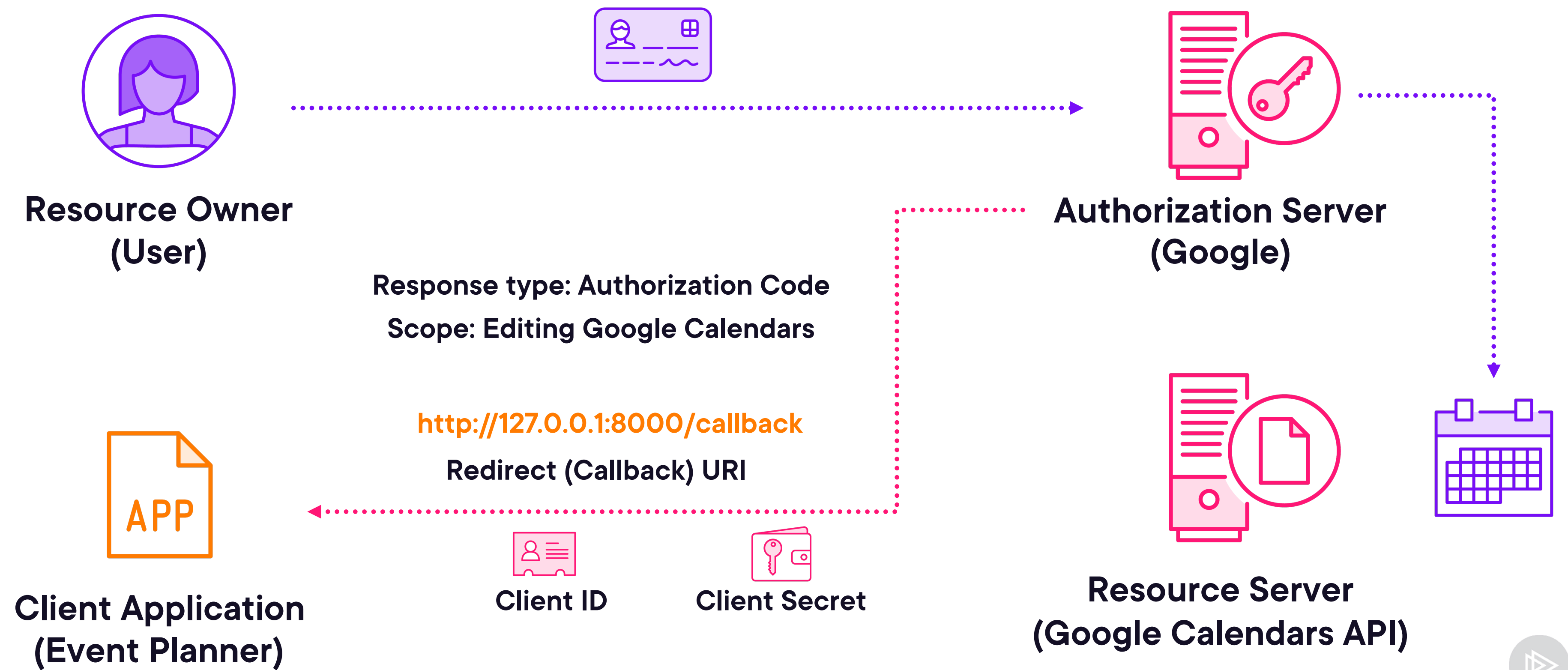
OAuth 2.0 Flow



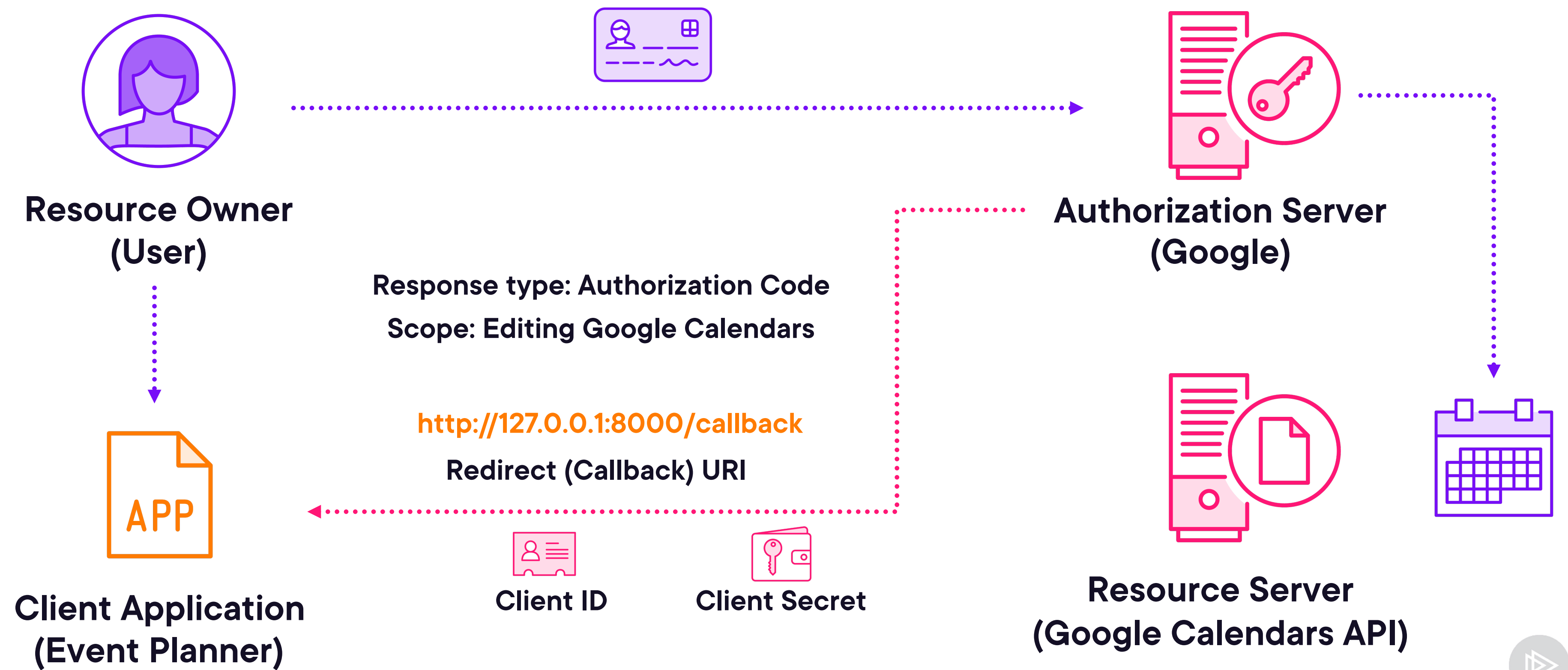
OAuth 2.0 Flow



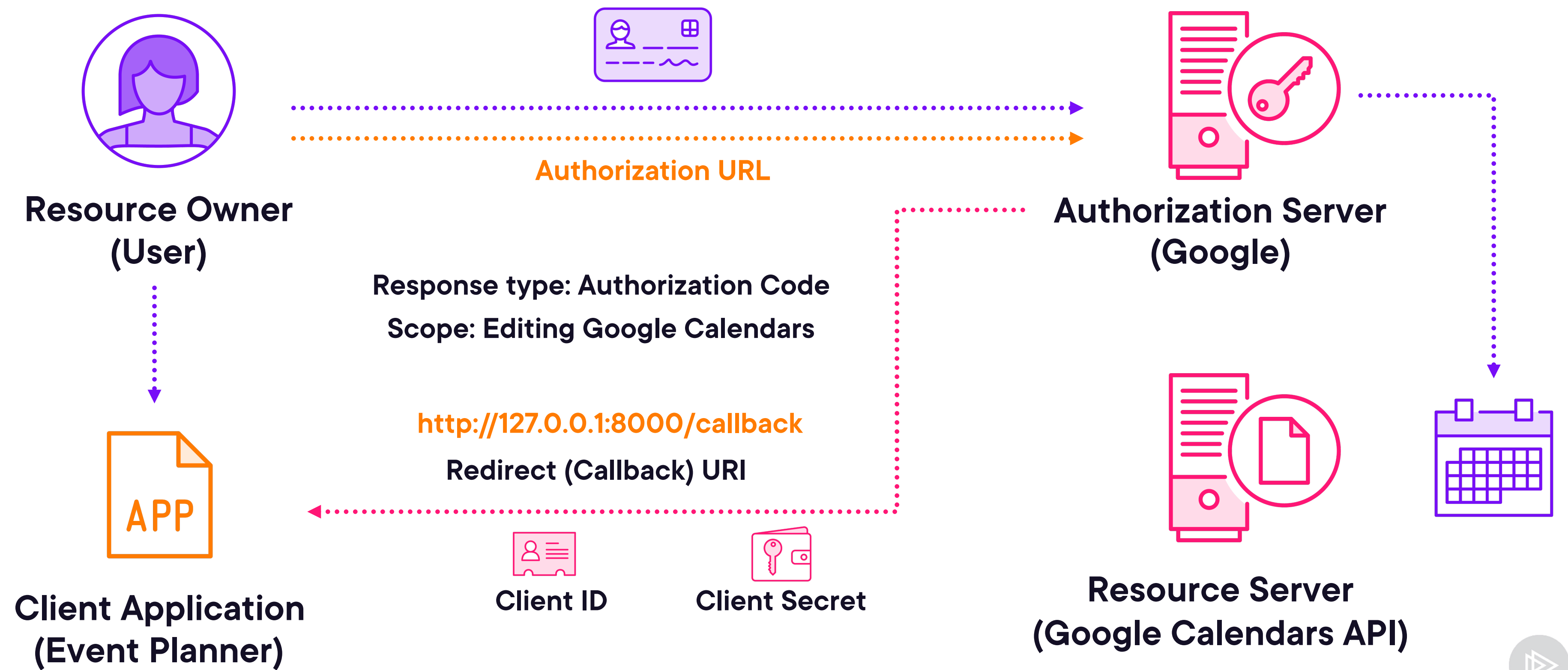
OAuth 2.0 Flow



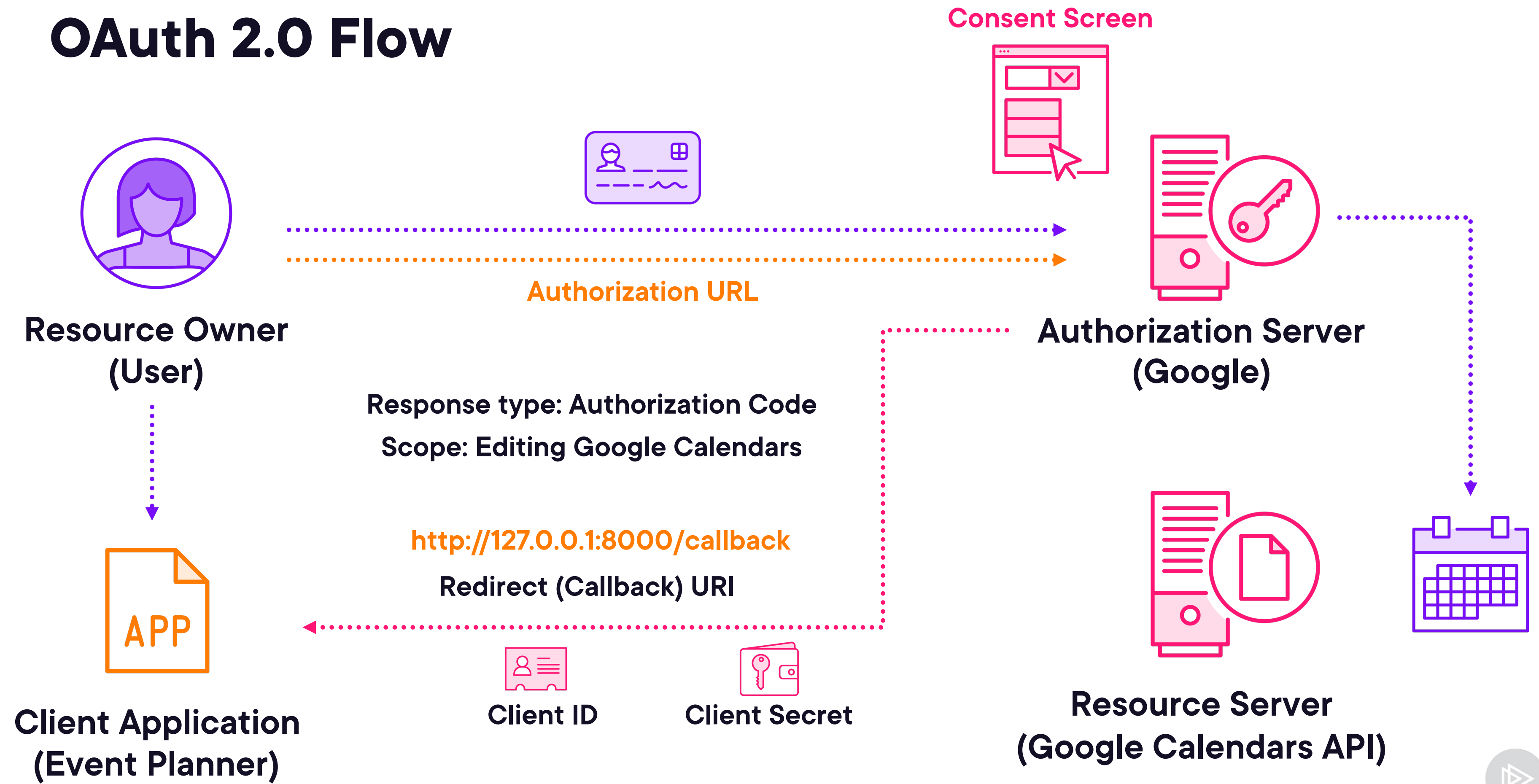
OAuth 2.0 Flow



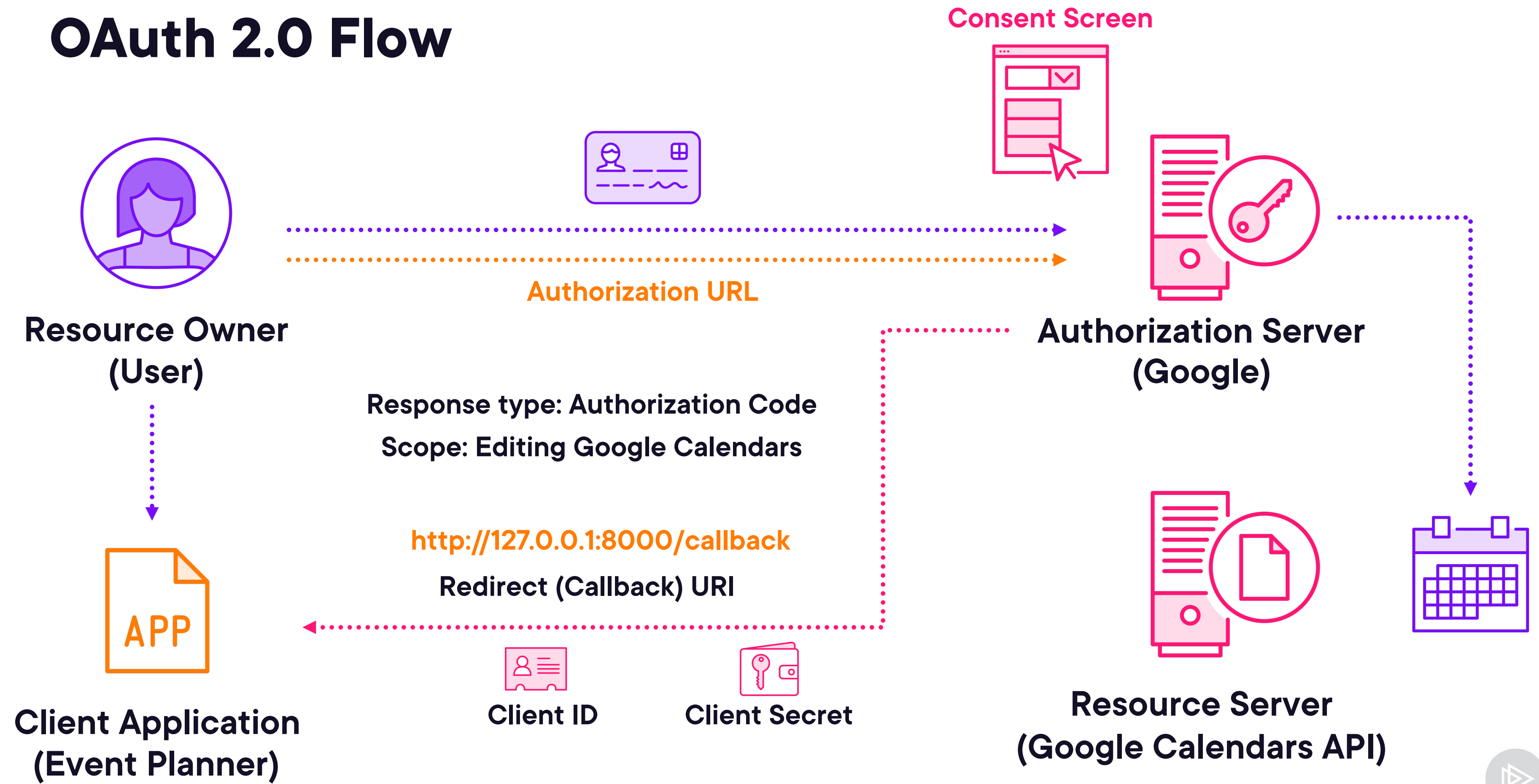
OAuth 2.0 Flow



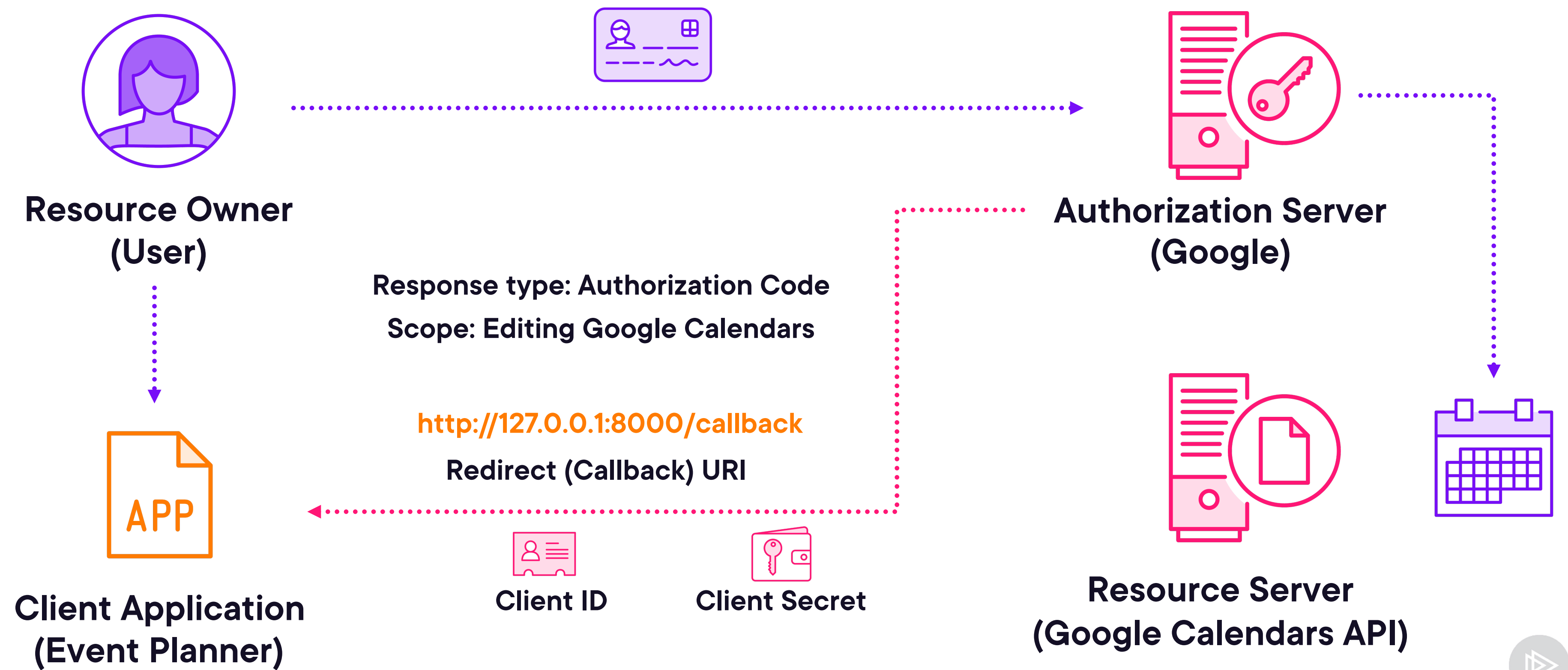
OAuth 2.0 Flow



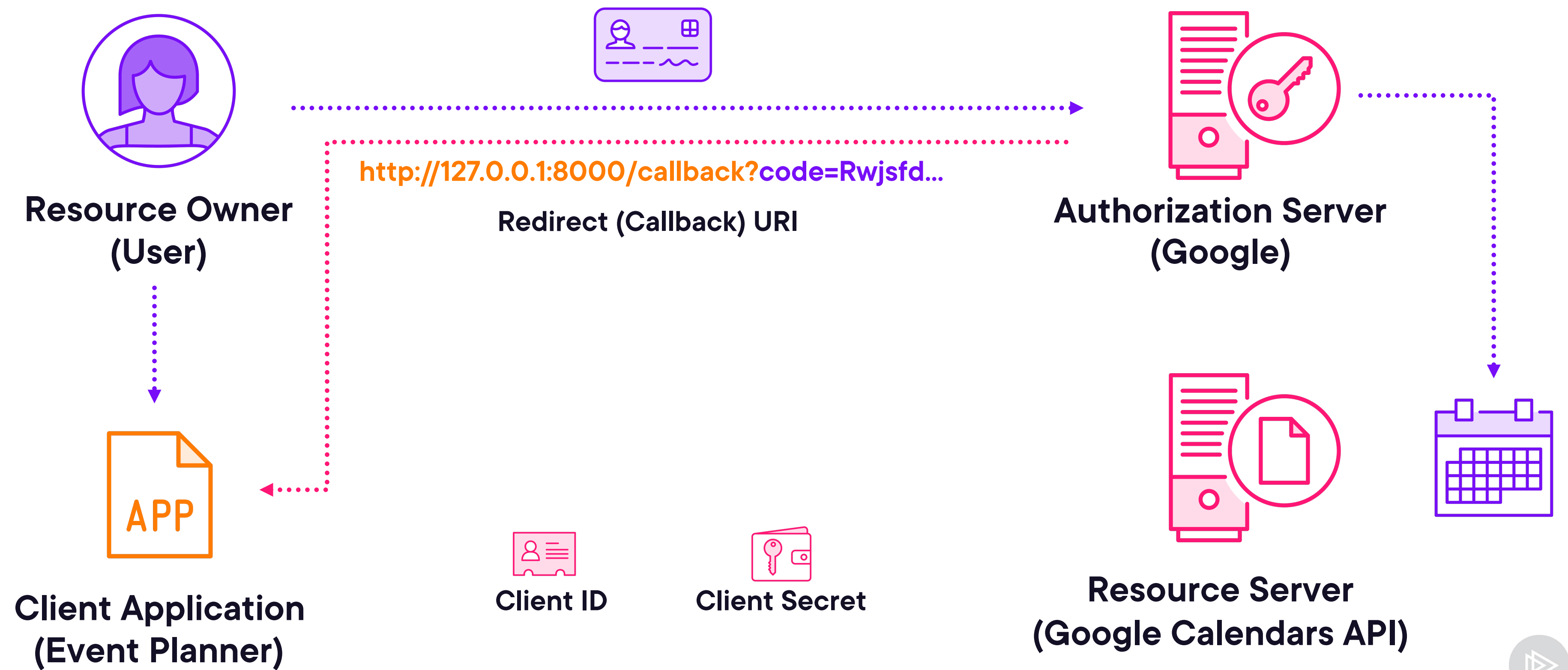
OAuth 2.0 Flow



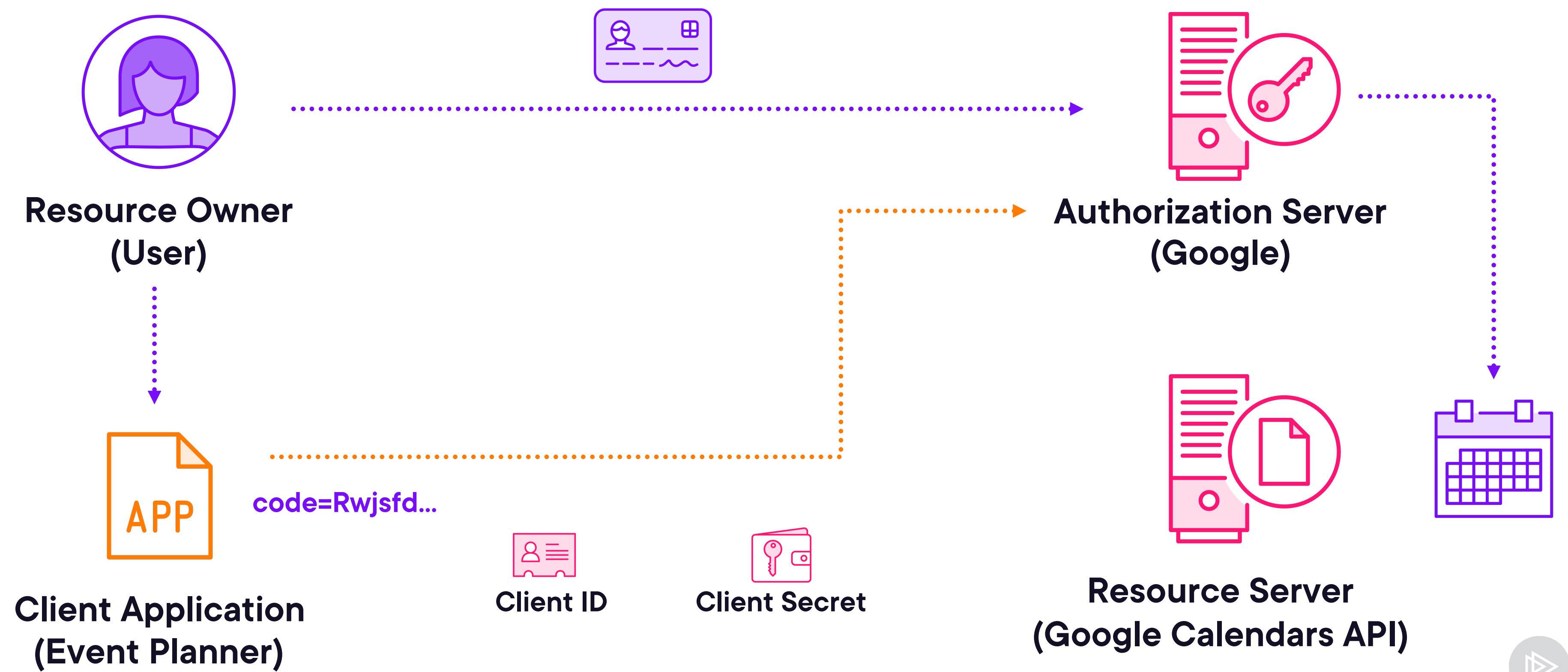
OAuth 2.0 Flow



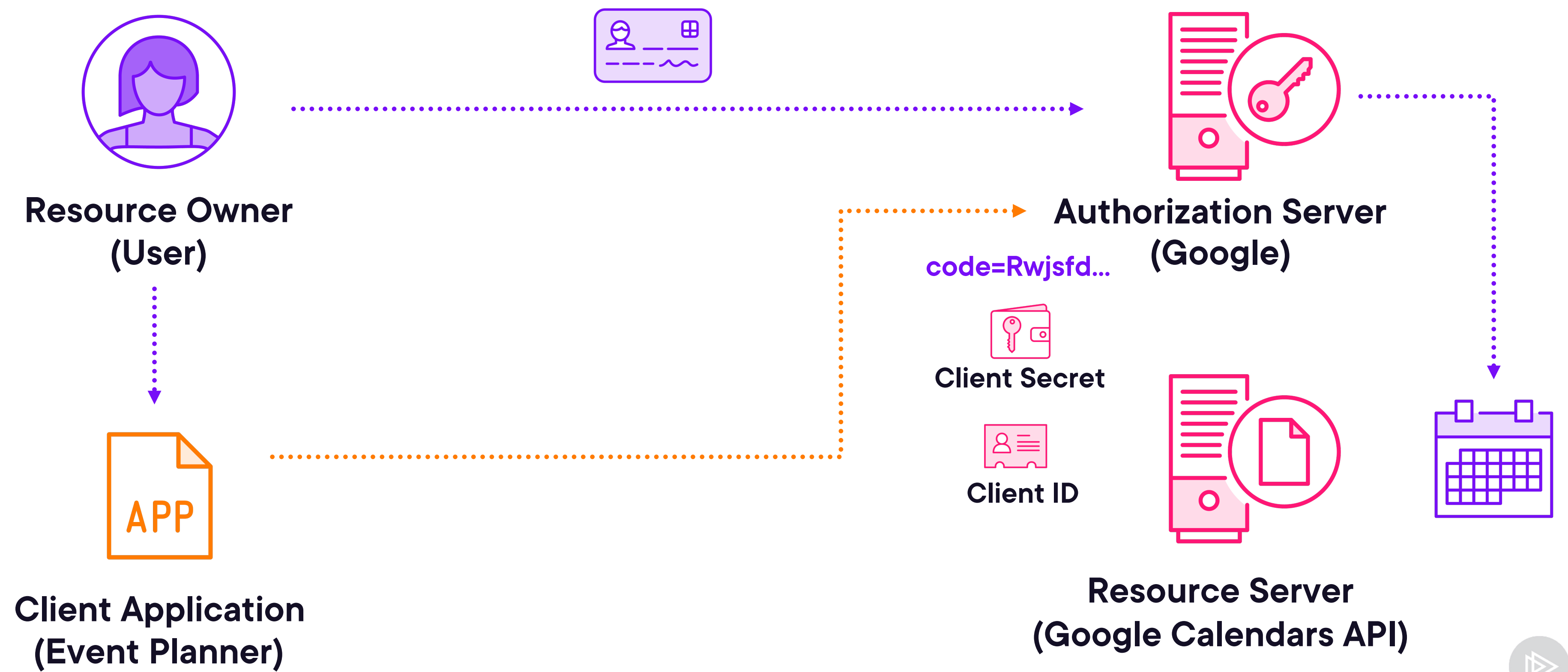
OAuth 2.0 Flow



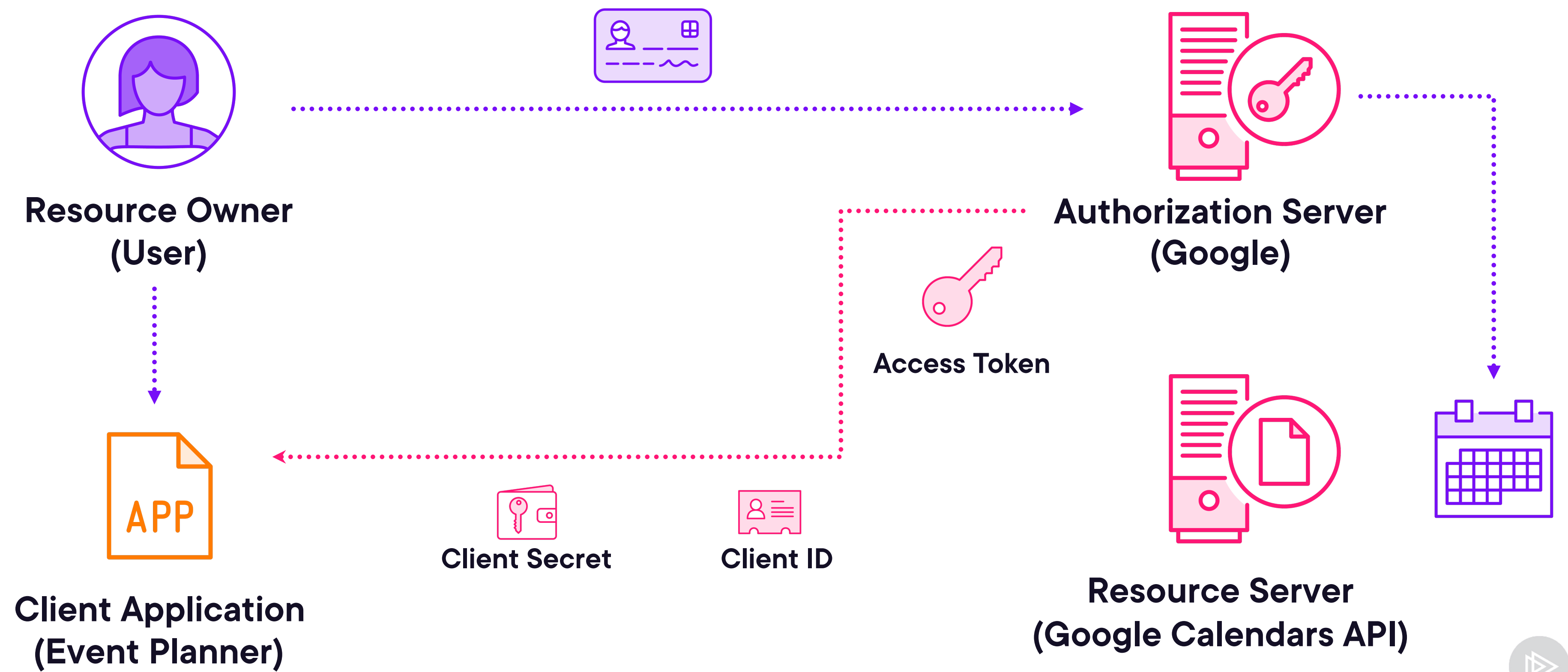
OAuth 2.0 Flow



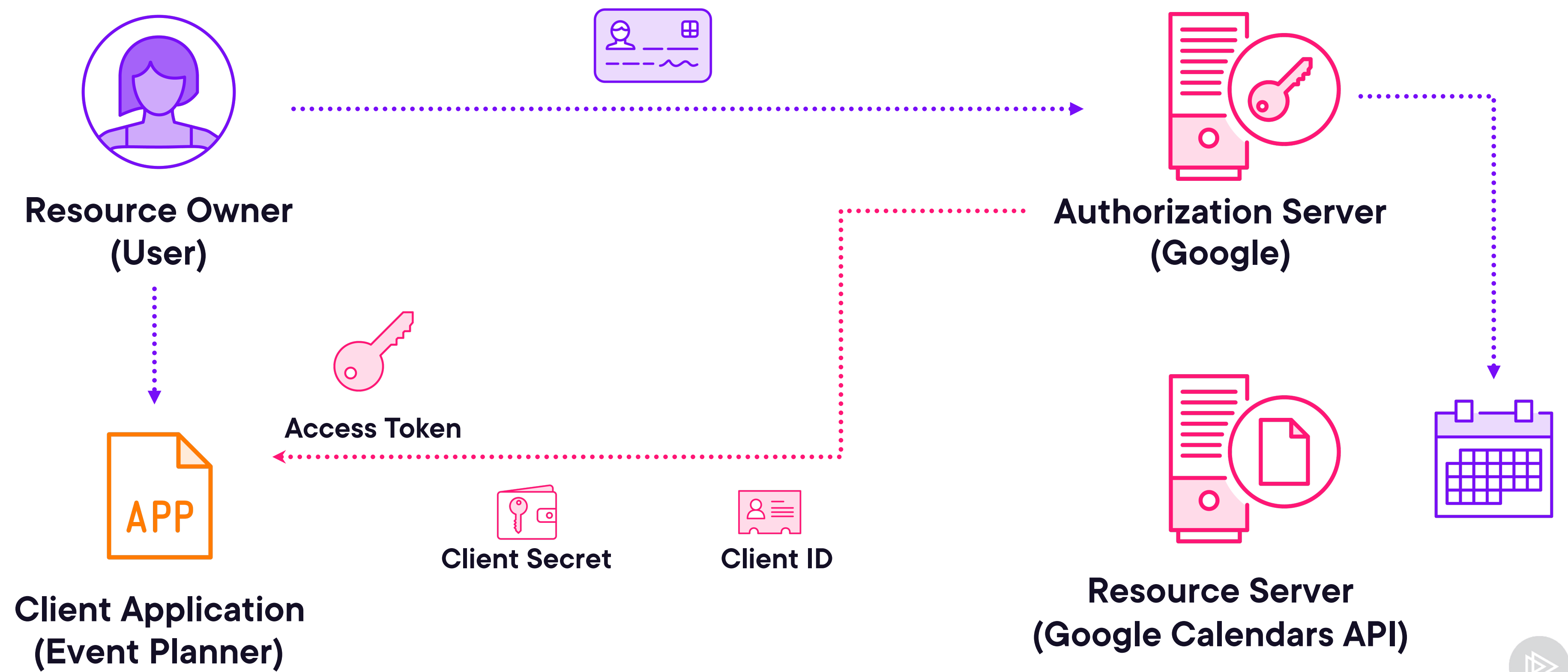
OAuth 2.0 Flow



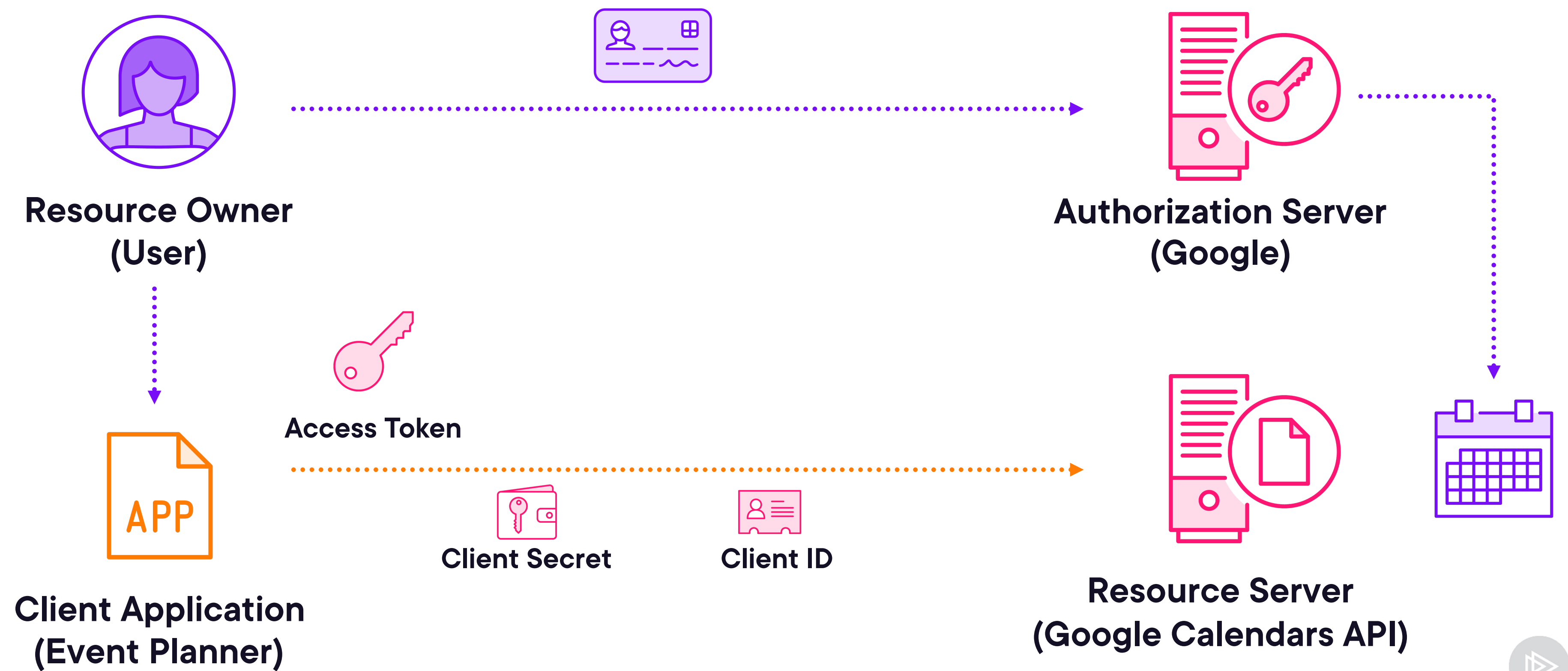
OAuth 2.0 Flow



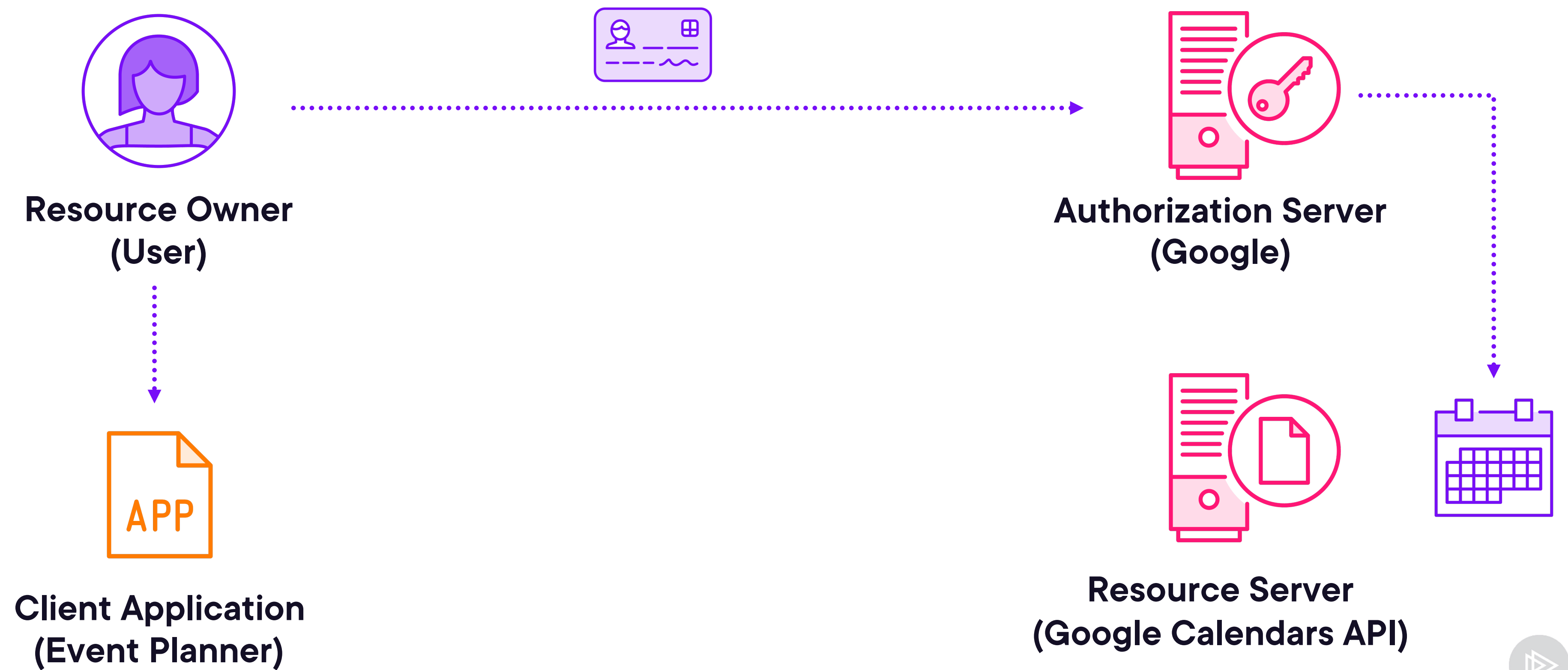
OAuth 2.0 Flow



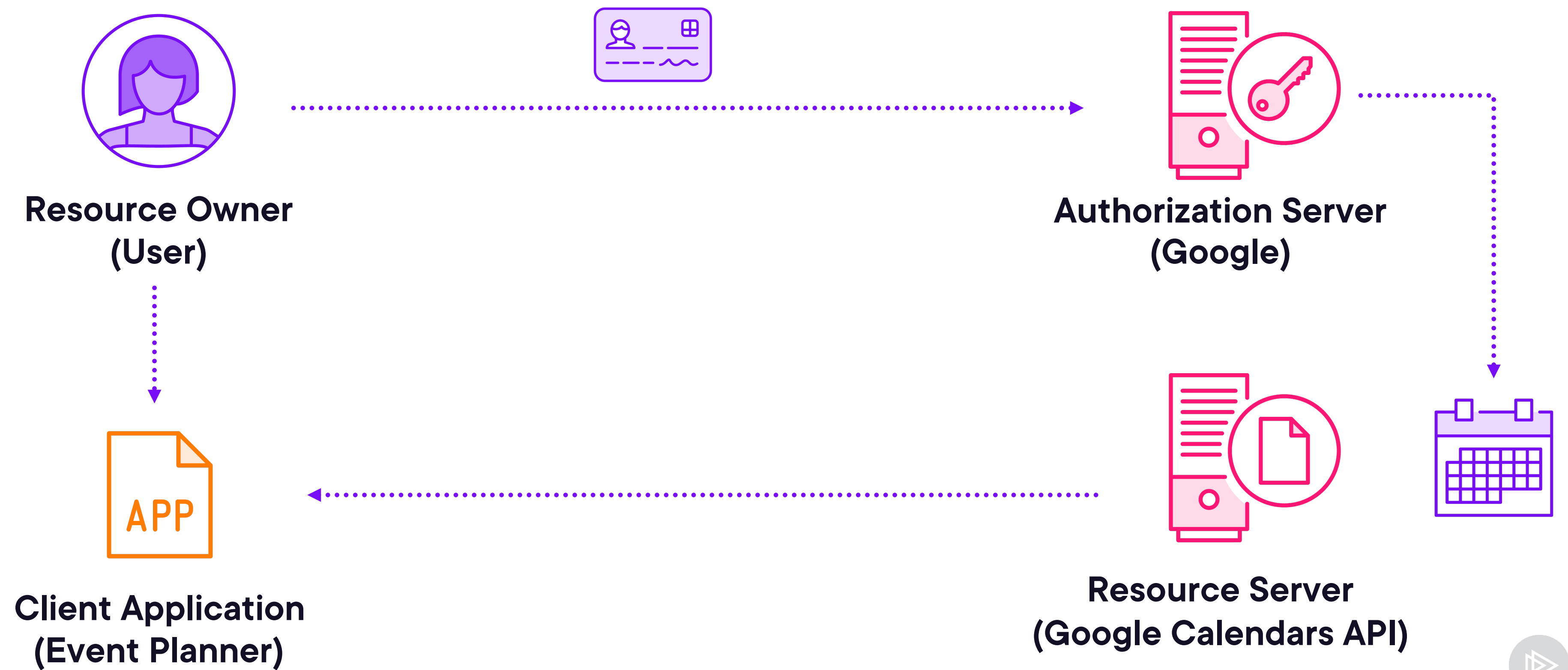
OAuth 2.0 Flow



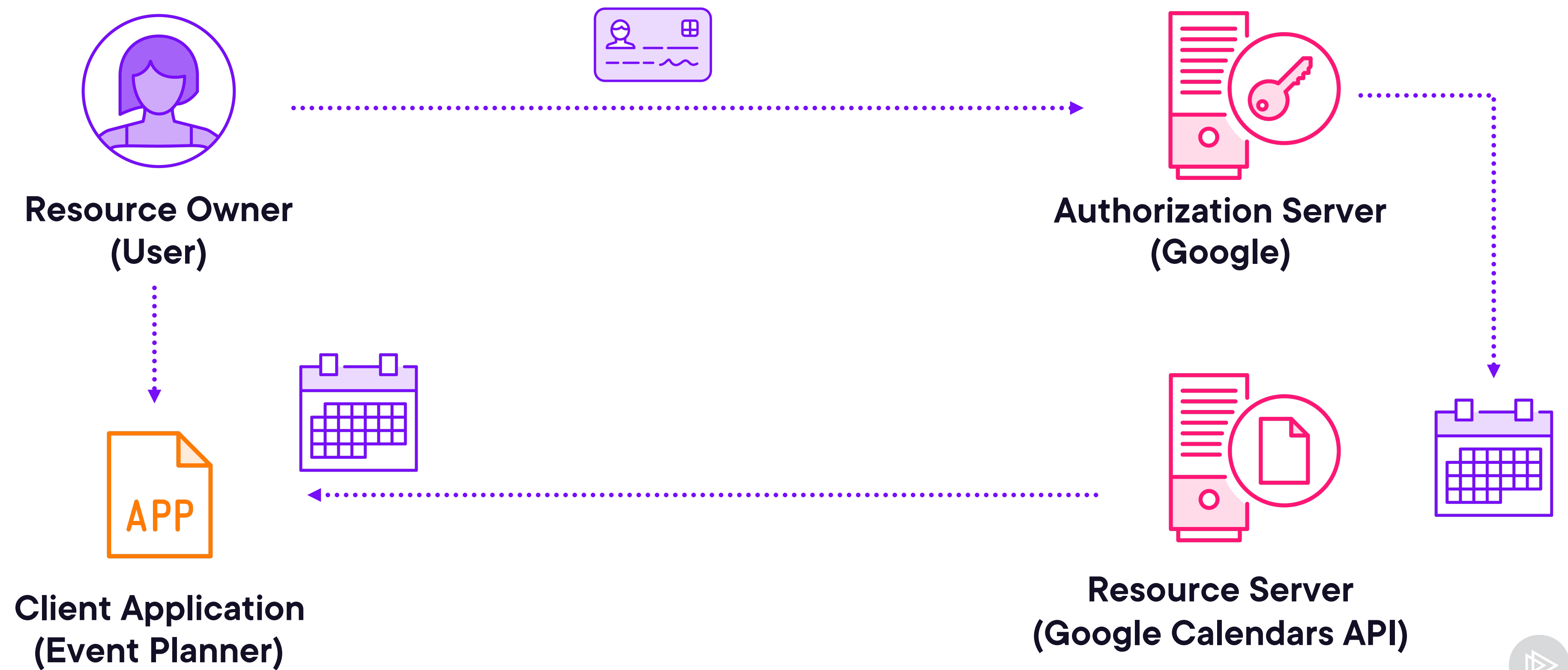
OAuth 2.0 Flow



OAuth 2.0 Flow



OAuth 2.0 Flow



HTTPS and SSL/TLS Certificates



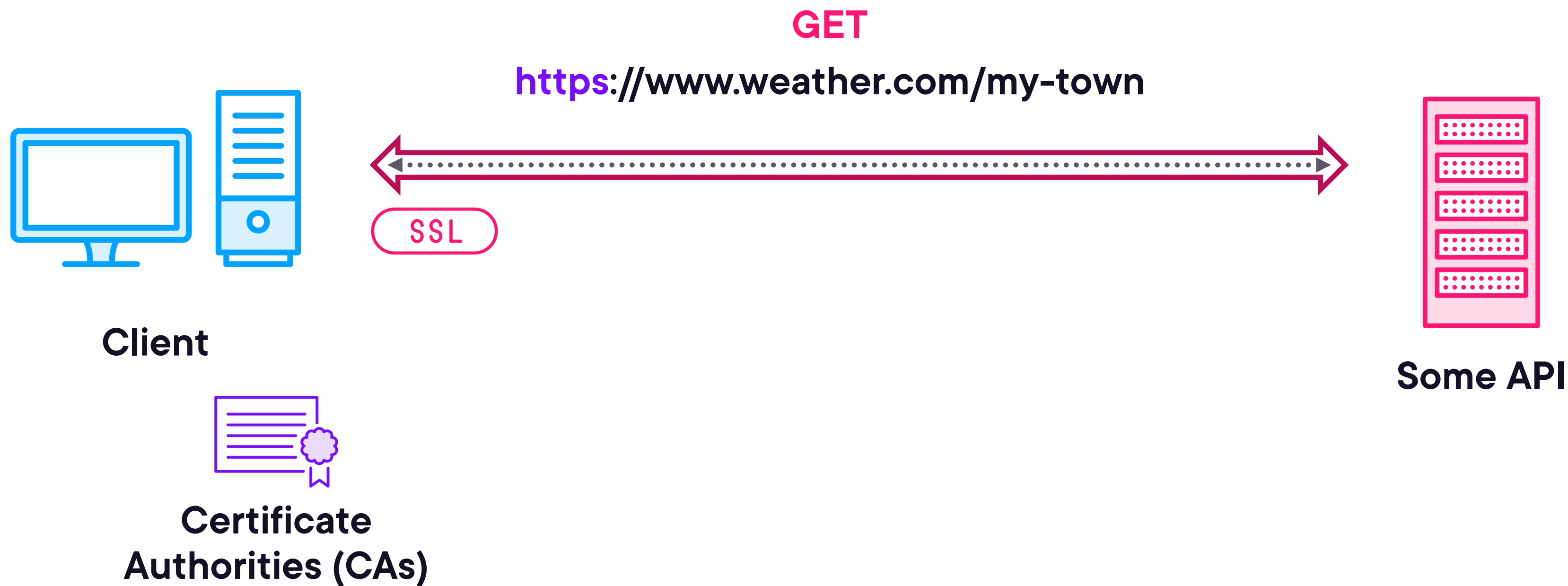
HTTPS and SSL/TLS Certificates



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```
# Using TLS by default. If the verification failed, it will raise SSLError
response = requests.get("https://www.weather.com/my-town")
```

```
# Disable verification if needed (not recommended for production)
response = requests.get(https://www.weather.com/my-town, verify=False)
```

```
# Provide a custom CA bundle
response = requests.get(https://www.weather.com/my-town, verify="/bundle_path")
```

```
# Some servers require client certificates
response = requests.get(https://www.weather.com/my-town, cert=("/cert_path",
"/key_path"))
```





Summary

