



code_verifier (43-128 characters)
abcd8Adkdkdae33..

code_challenge=base_64_url_encode(sha256(abcd8Adkdkdae33..))

- Redirect to Google authorization server:
- redirect URL
 - client ID
 - scope
 - state
 - code_challenge (PKCE)
 - code_challenge_method (PKCE)=S256

Google

Google Drive

Google Drive API

User Google Drive Account

Google Calendar

Google Calendar API

Authorization server

- POST to authorization server to get access token:
- client_id
 - code
 - redirect_url
 - grant_type
 - code_verifier (PKCE)

Returns access token and refresh token if requested

- Redirect to redirect_url only if redirect_url has been registered before with:
- state
 - code
 - query parameters

Authorization code interception may happen here

diagrams://oauth/google?code=...&state=...

Logging in...

