











## authenticate consent

#### code verifier + code\_challenge\_method = code challenge

### auth code



#### /authorize

#### code request code\_challenge\_method code\_challenge

### auth code + code verifier

#### /token

## Web apps











#### Frontend

#### Backend

#### consent

#### authenticate





#### code challenge

#### code\_challenge\_method =

#### code verifier +



#### auth code



#### code request

#### code\_challenge

#### code\_challenge\_method



#### code verifier

#### auth code +

# SPA, Mobile apps



#### Frontend