

OAuth 2.0 Dance

Authorization Code Grant Type



What happens when a **Resource Owner** invokes a **Client Application** to access data from a **Resource Server** protected using **Open Authorization**?

OAuth – Authorization Code Grant Type

Resource Owner
(User)



Authorization Server
(GitHub)



Client
(Application)



Resource Server
(Data user want to access)

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Resource Owner
(User)



Authorization Server
(GitHub)



a. Register the client application on the authorization server by passing Auth Callback URL



Client
(Application)



GitHub

Resource Server
(Data user want to access)

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Resource Owner
(User)



Authorization Server
(GitHub)



a. Register the client application on the authorization server by passing Auth Callback URL
b. GitHub creates a page for the registered application and return Client ID + Client Secret

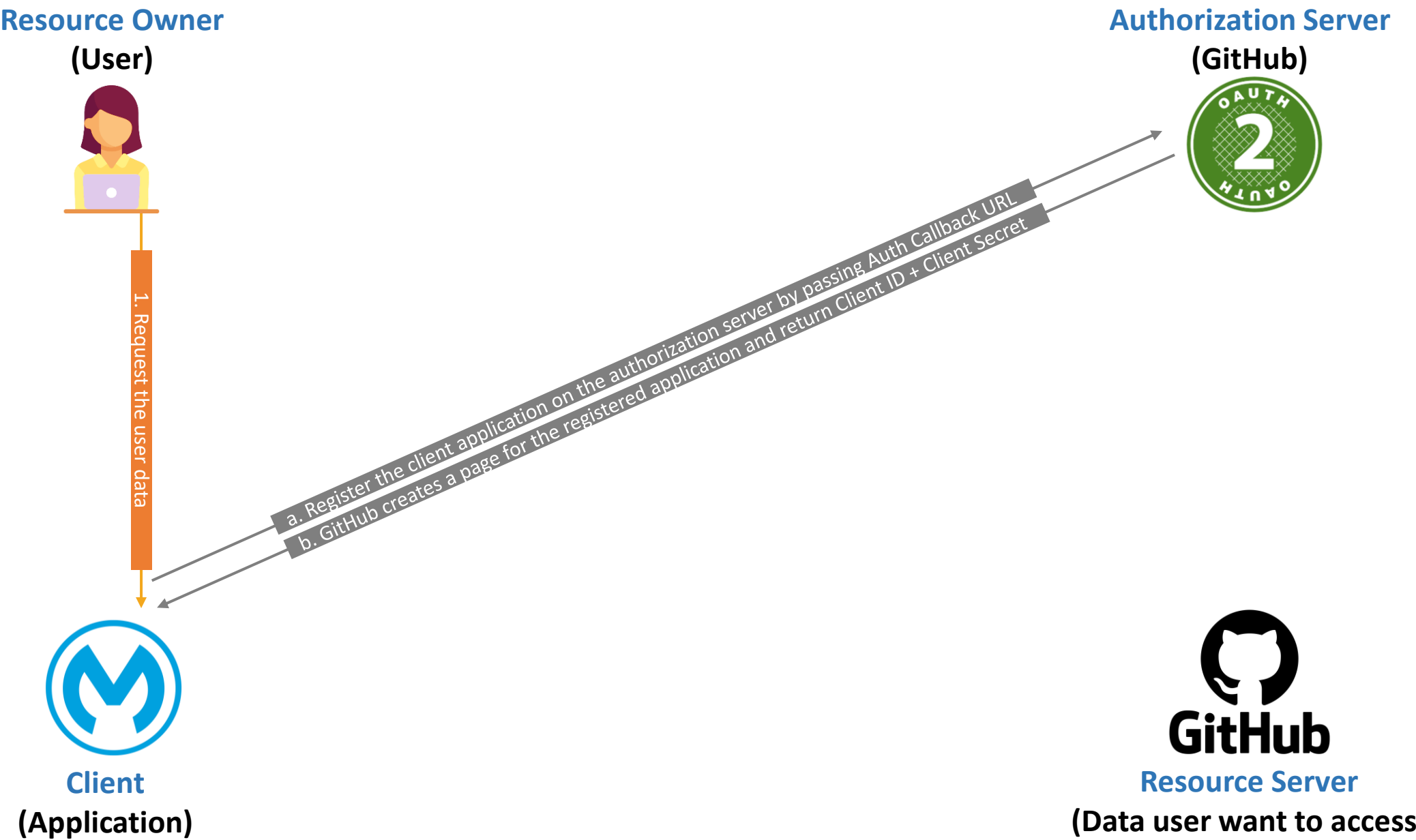


Client
(Application)



Resource Server
(Data user want to access)

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Resource Owner
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Authorization Server
(GitHub)



Client
(Application)



Resource Server
(Data user want to access)

1. Request the user data

a. Register the client application on the authorization server by passing Auth Callback URL
b. GitHub creates a page for the registered application and return Client ID + Client Secret

2. App re-directs user data request to Authorization Server along with its Client ID

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Resource Owner
(User)



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1. Request the user data

a. Register the client application on the authorization server by passing Auth Callback URL
b. GitHub creates a page for the registered application and return Client ID + Client Secret
2. App re-directs user data request to Authorization Server along with its Client ID

3. Authorization Server prompts user to Login via GitHub credentials

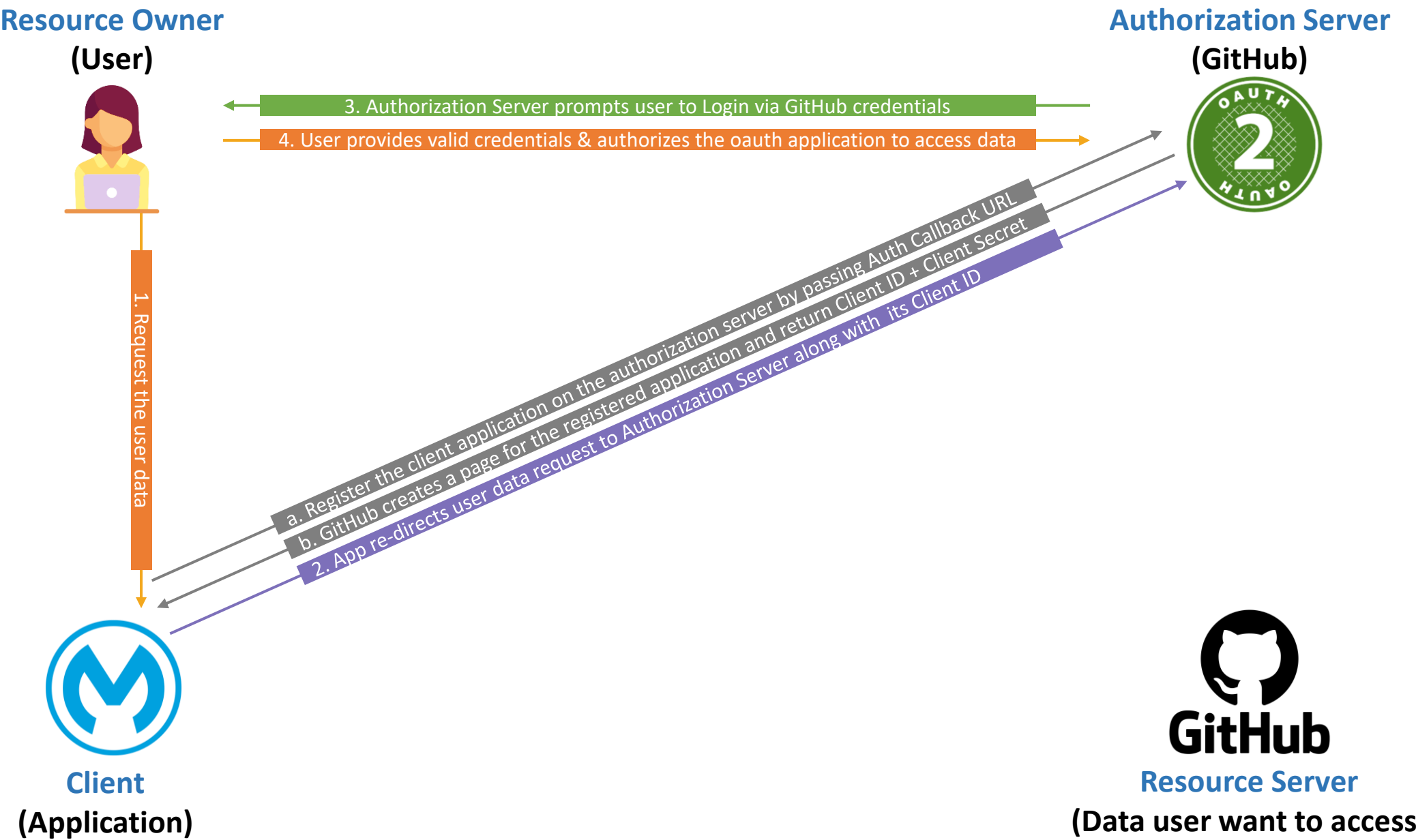


Client
(Application)

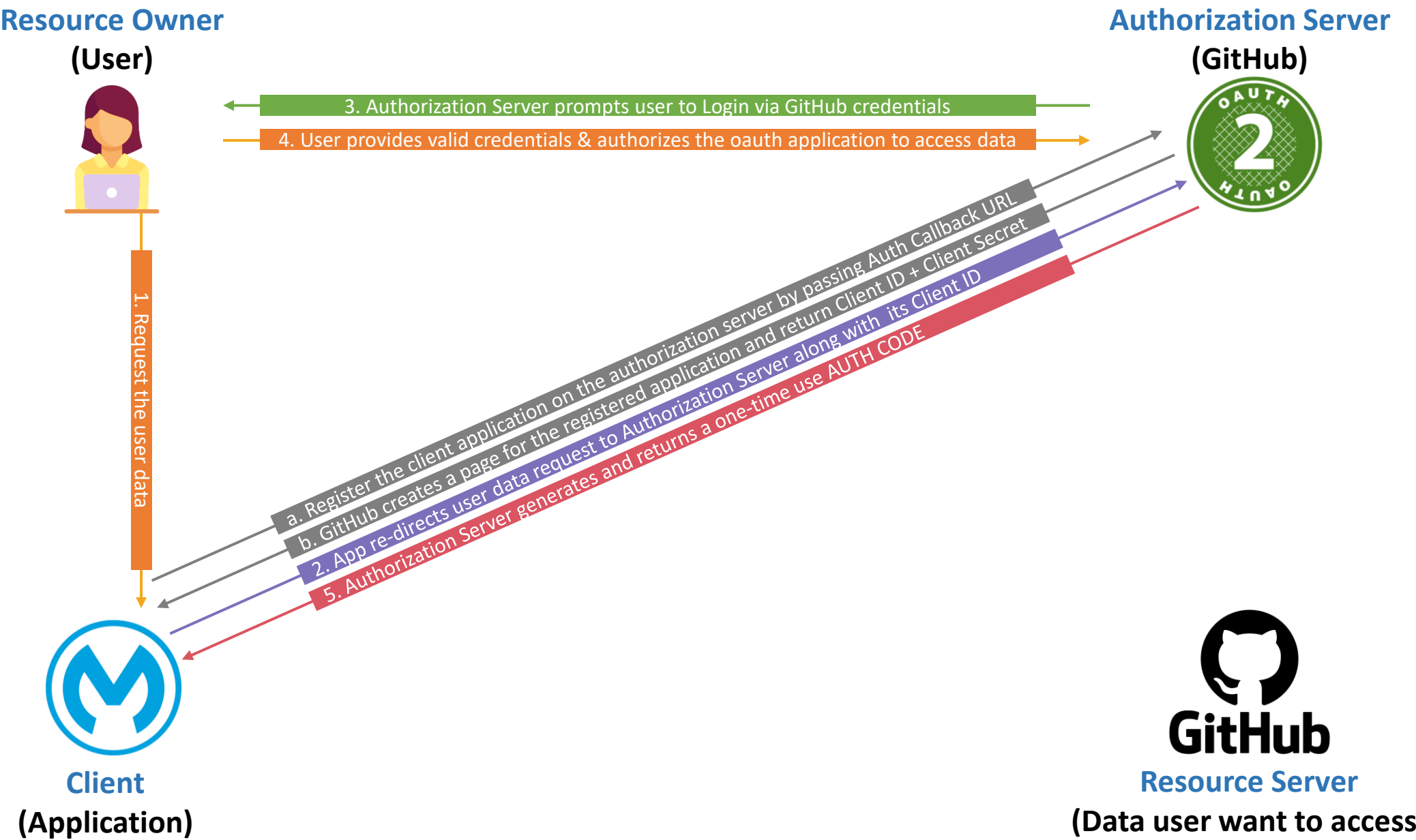


Resource Server
(Data user want to access)

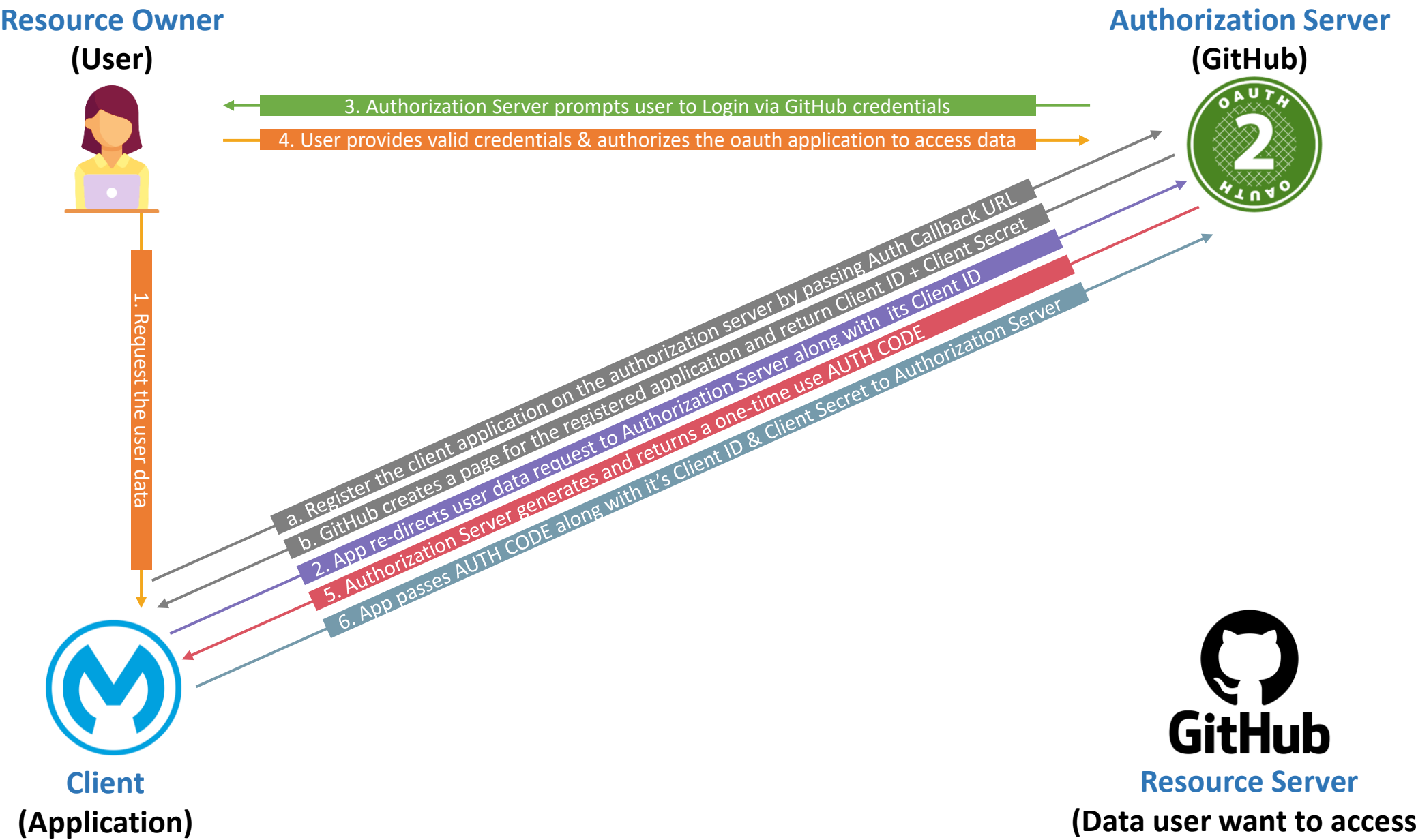
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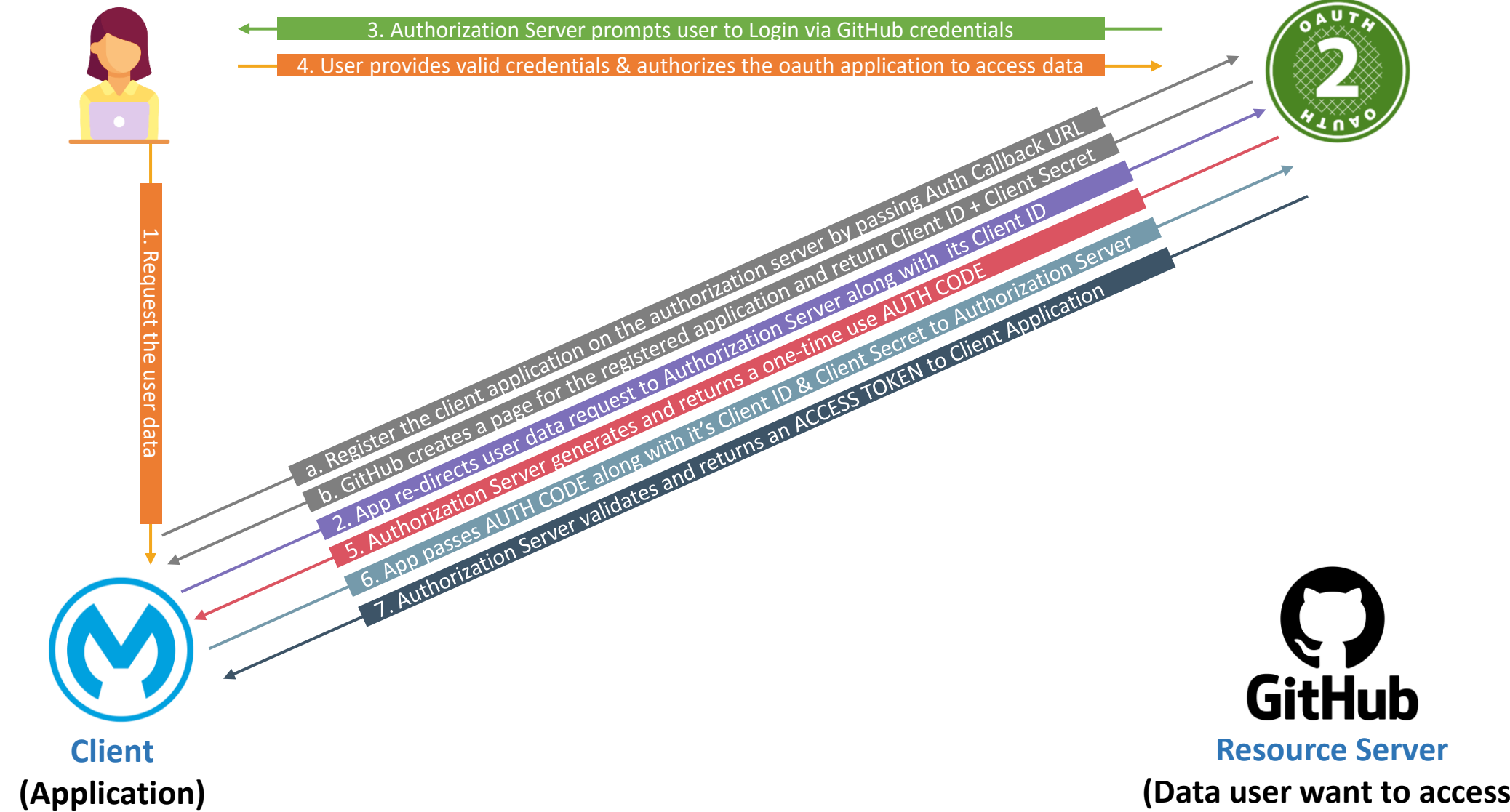
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Resource Owner
(User)

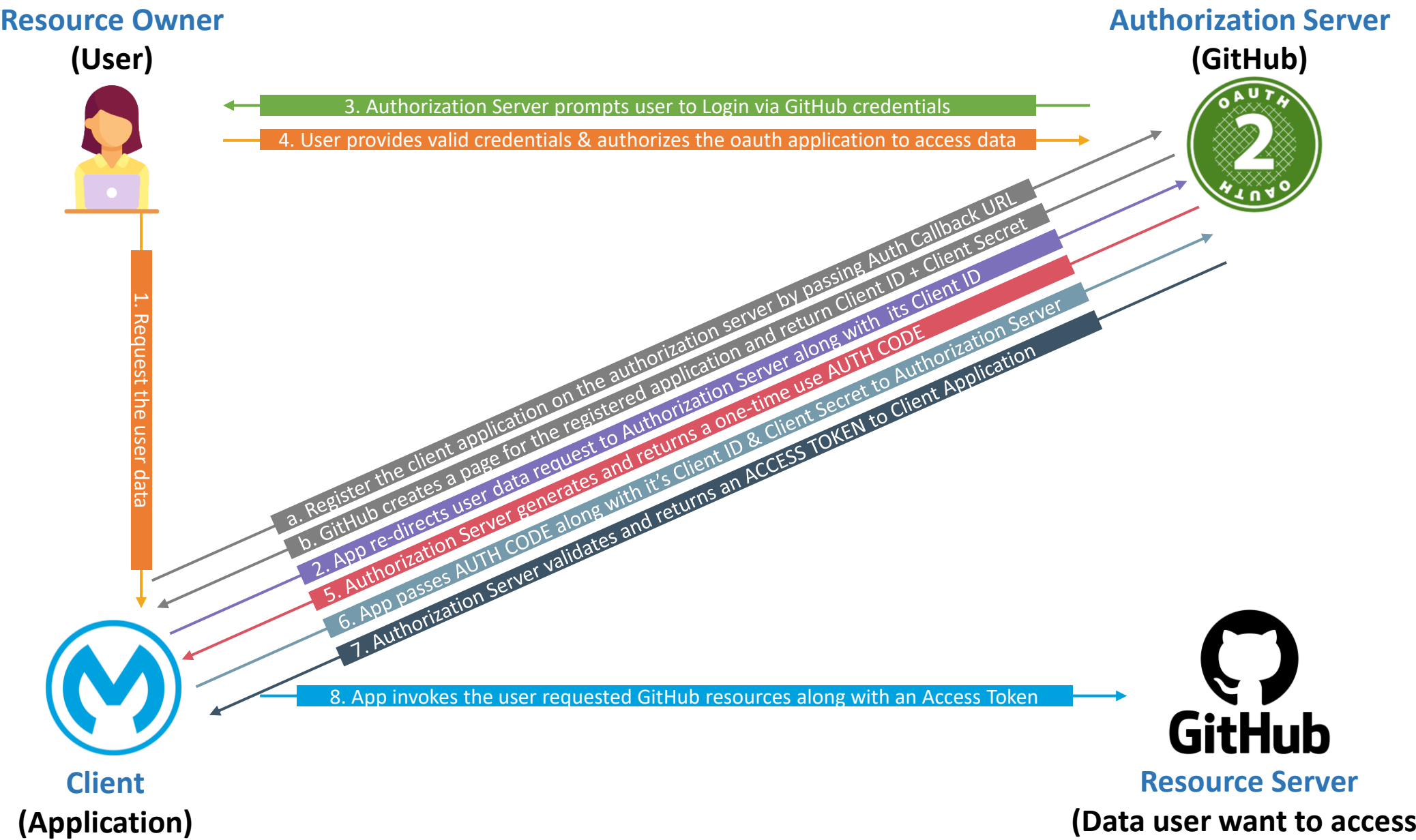
Authorization Server
(GitHub)



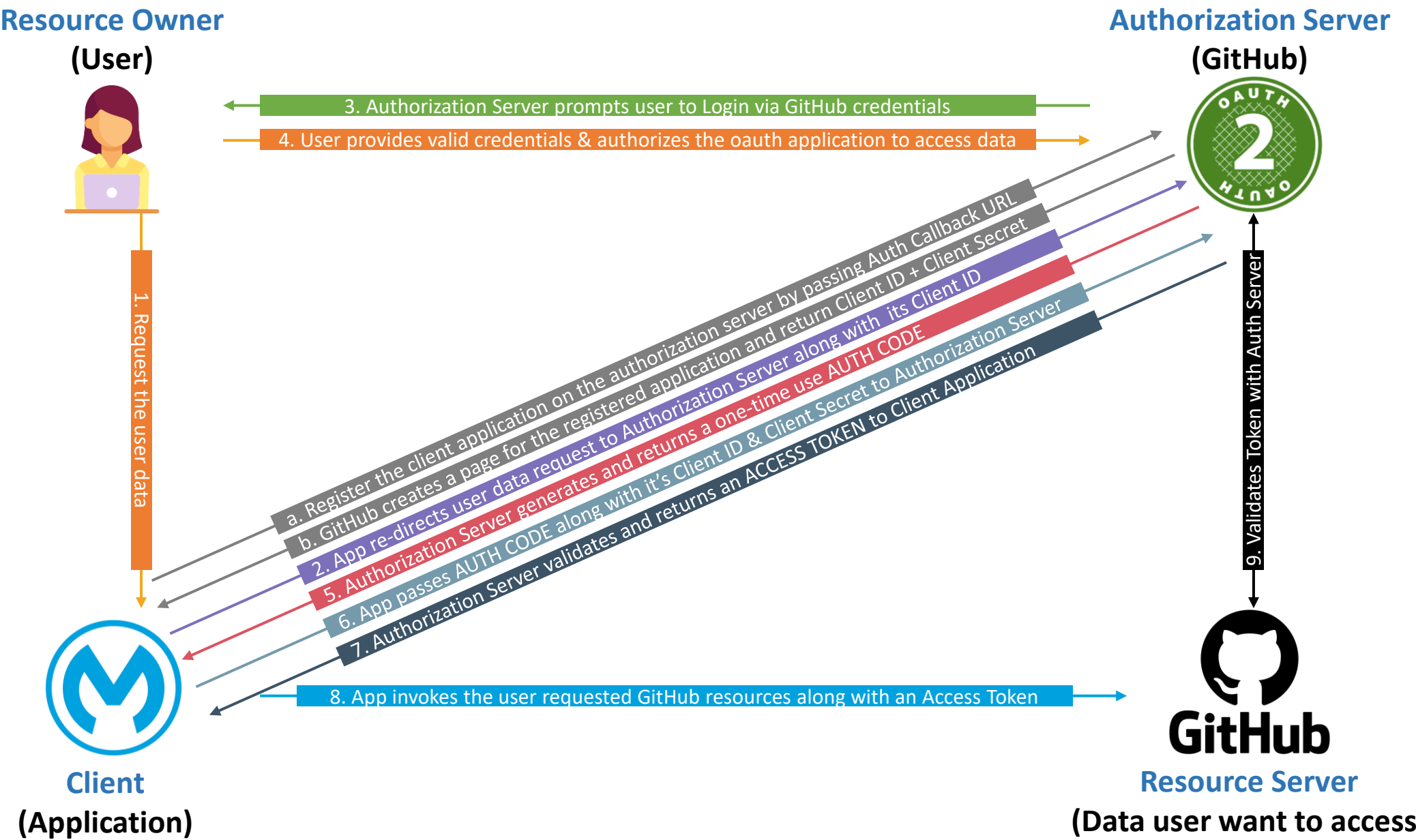
Client
(Application)

Resource Server
(Data user want to access)

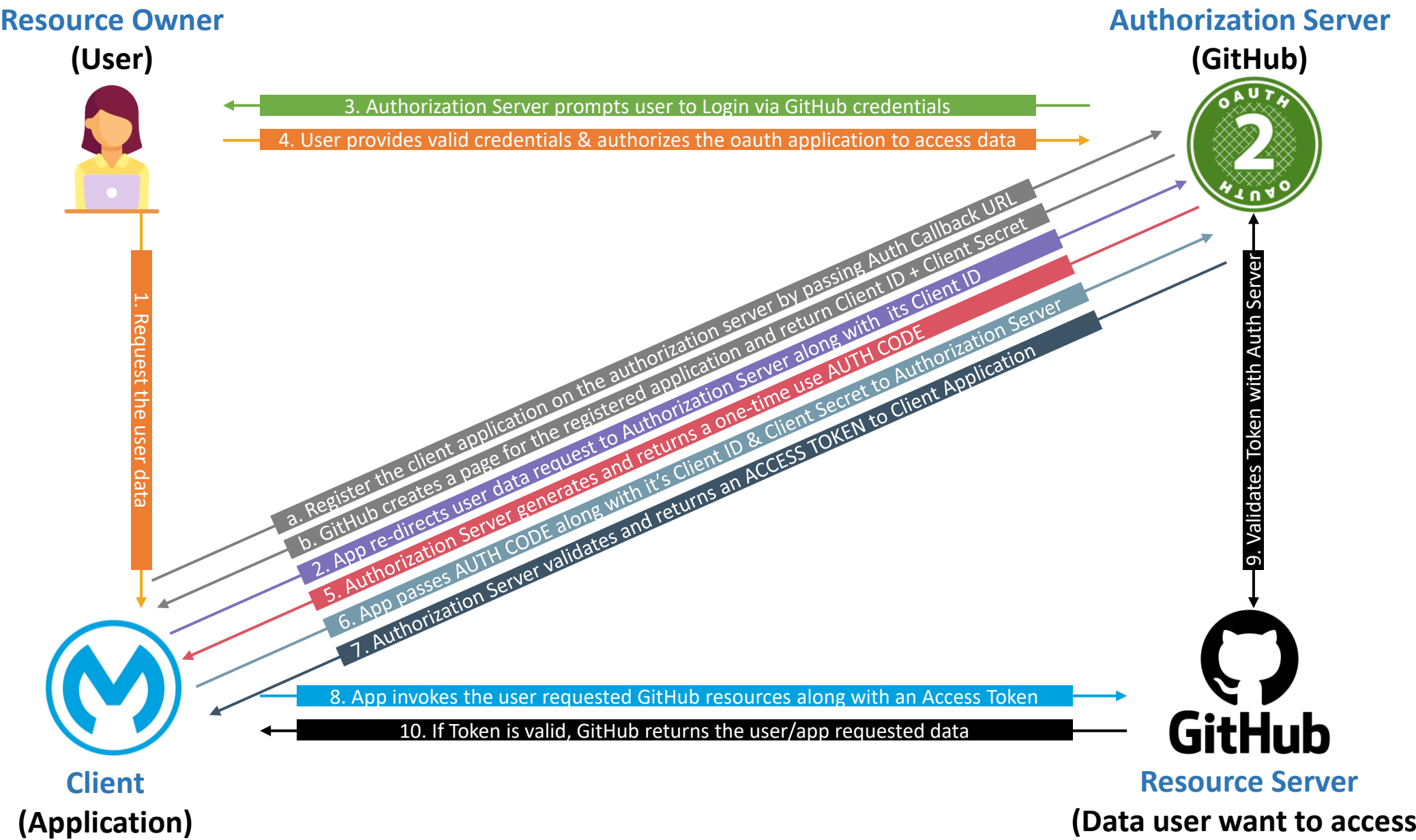
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