Public Short-Term Rental Data API

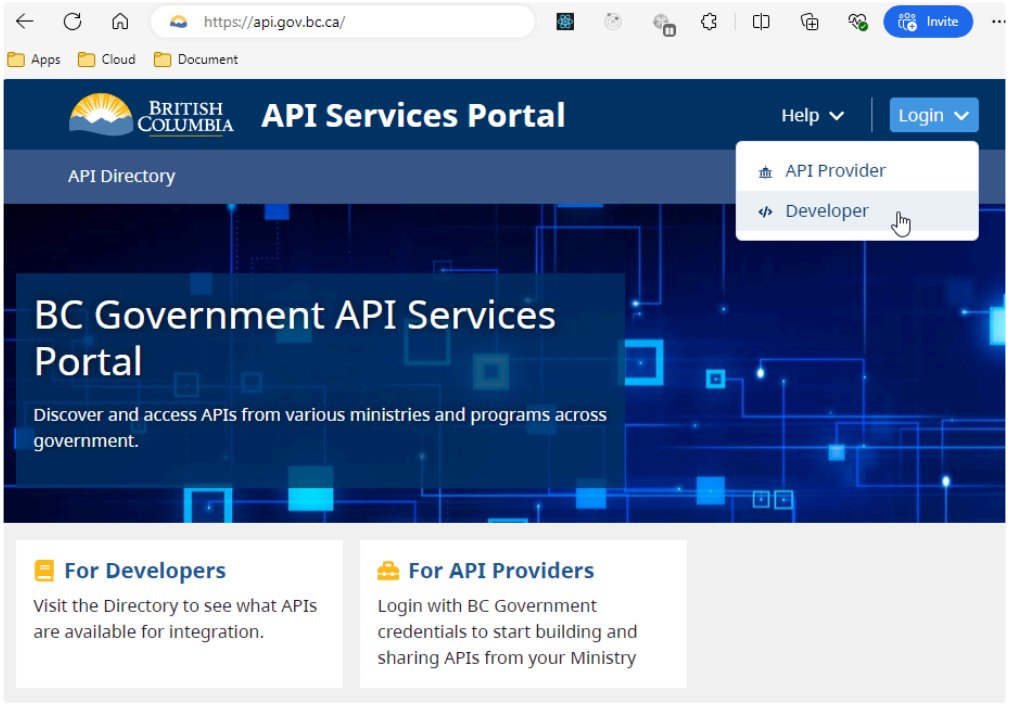
This guide walks you through registering a client ID and secret (credentials) for accessing the STRDATA API through the BC government's API Gateway.

Roles and Responsibilities:

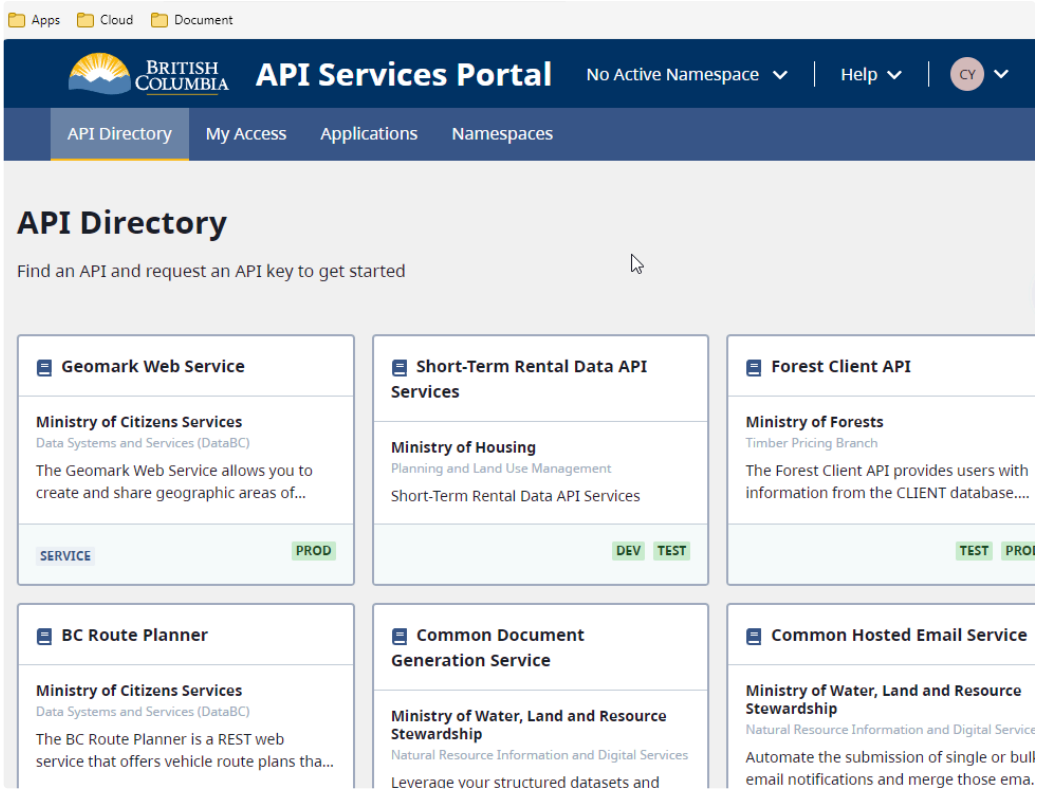
- **Consumer:** You (the developer) requesting access to the API.
- **Technical Analyst (Administrator):** A government official who approves your access

Process:

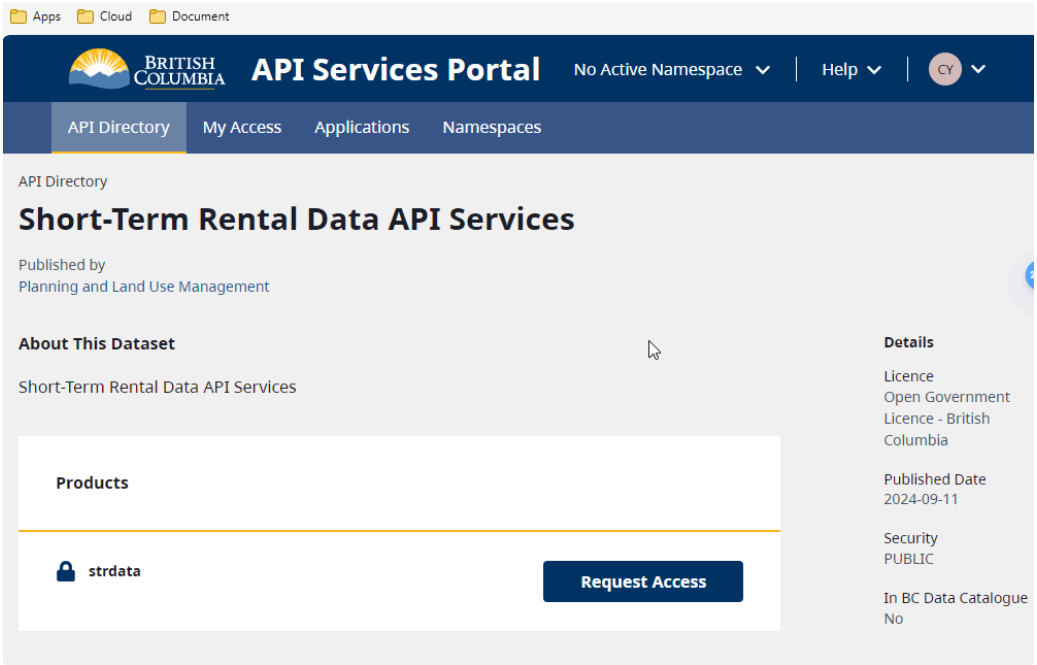
1. **Login:** Access the API Gateway portal (https://api.gov.bc.ca/) using your IDIR or Github account as a developer.

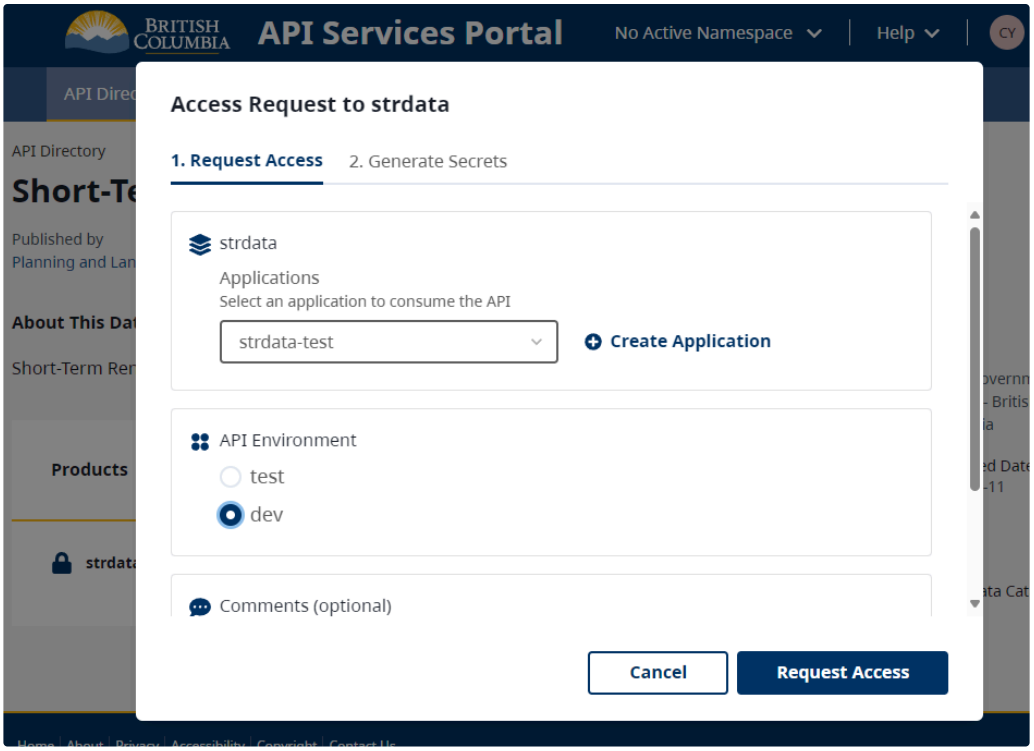


2. **Select a product:** Select a Short-Term Rental Data API Services



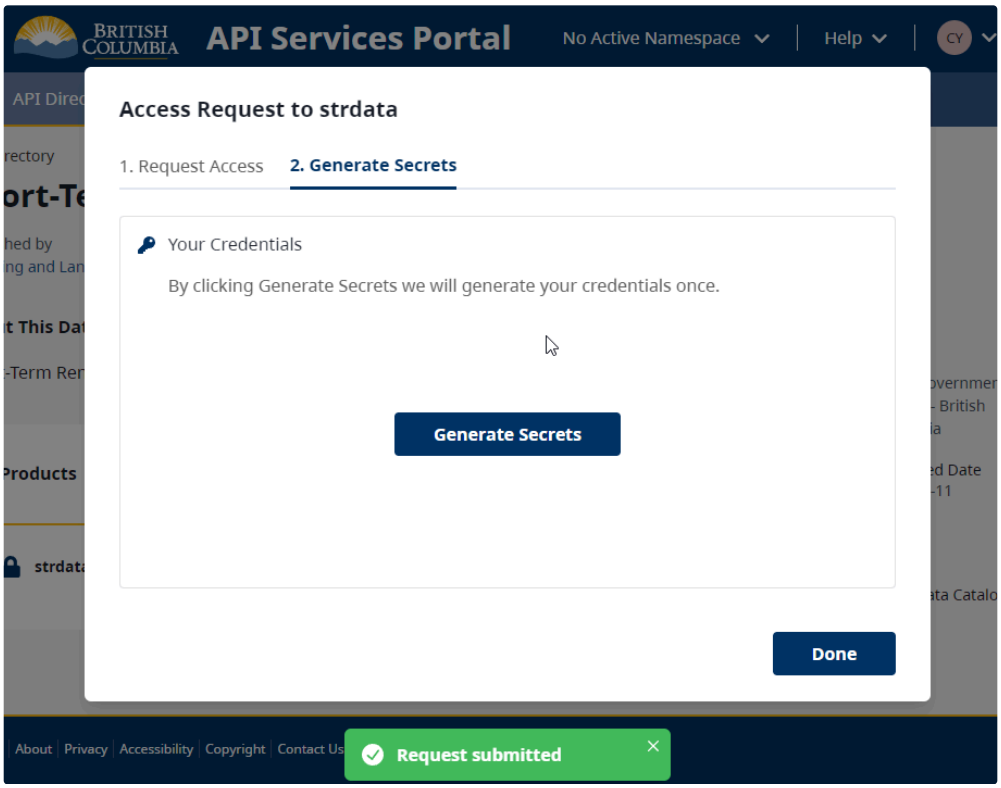
3. **Request Access:** Click "Request Access" and then "Create Application" to link the chosen product and environment.





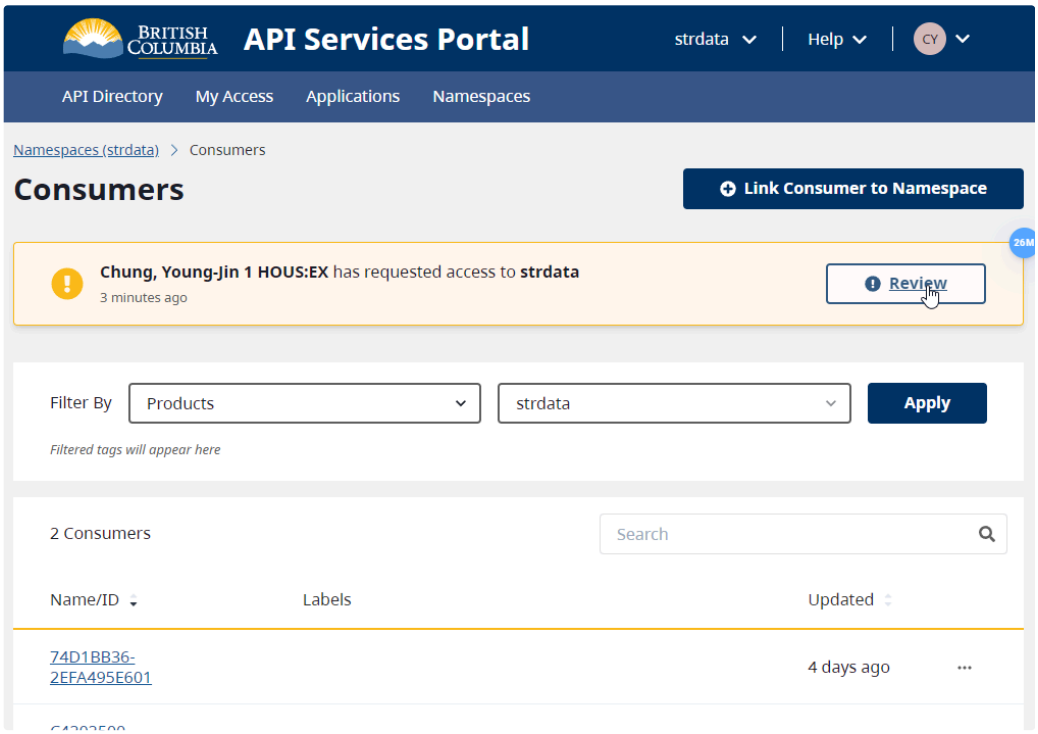
4. **Generate Secrets:**

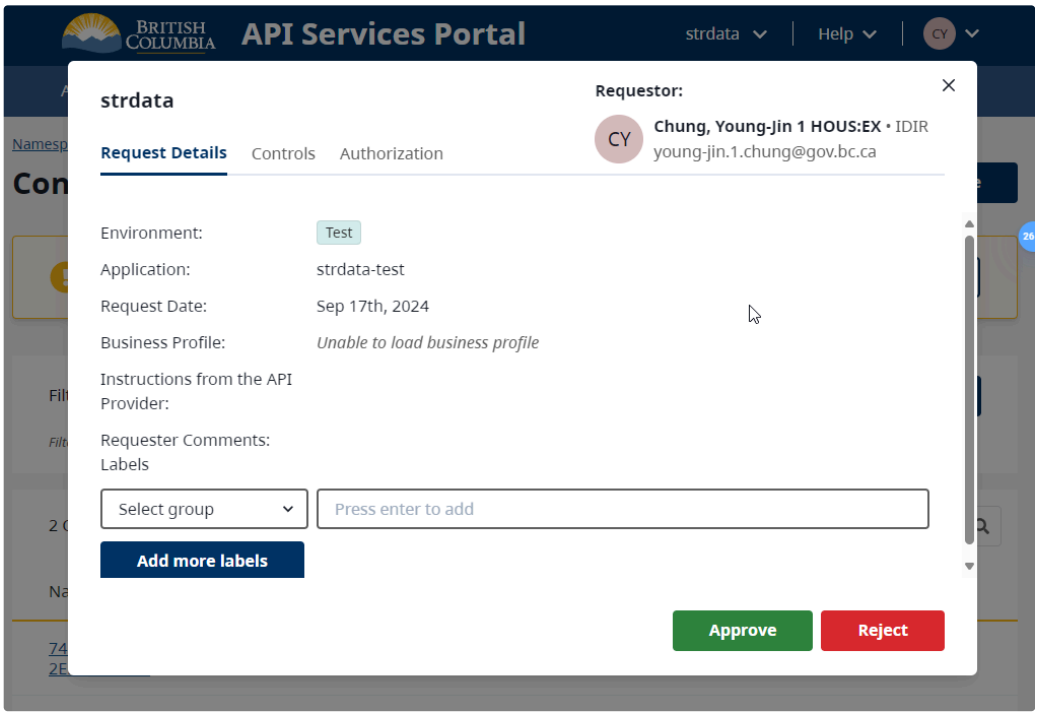
- Complete this step to generate a client ID and secret. These credentials are essential for Administrator approval.
- **Save:** Securely store your client ID, client secret, and token endpoint for later use.

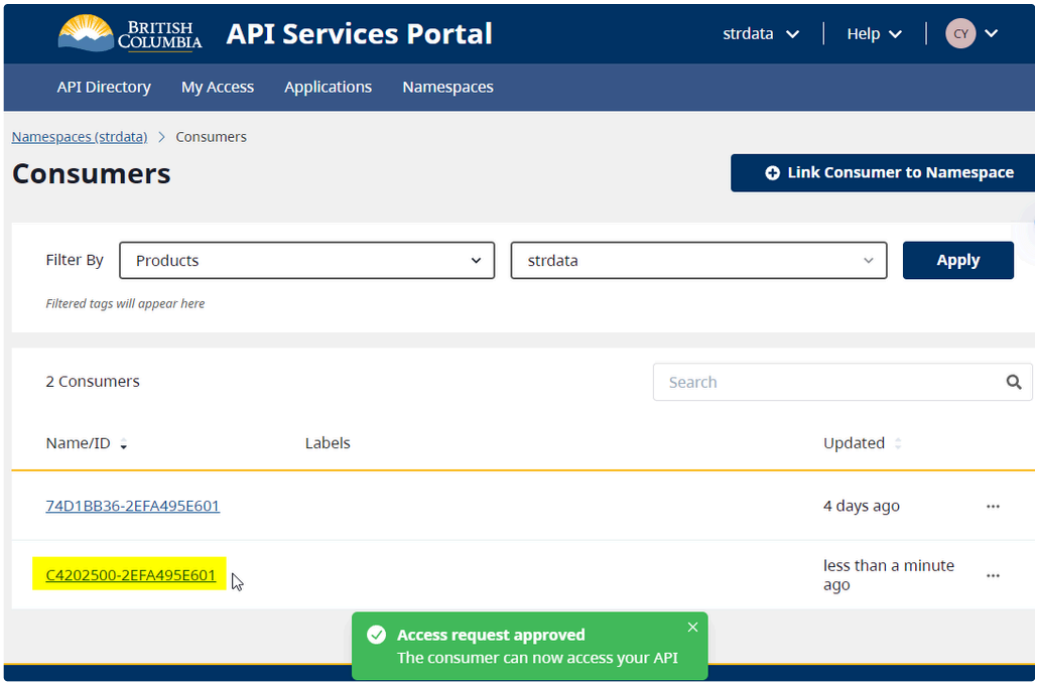


5. **Administrator Approval:**
    - The Technical Analyst (Administrator) will receive your access request notification.
    - Administrator Login: They will log in to the API Gateway portal (using IDIR) as a API Provider.

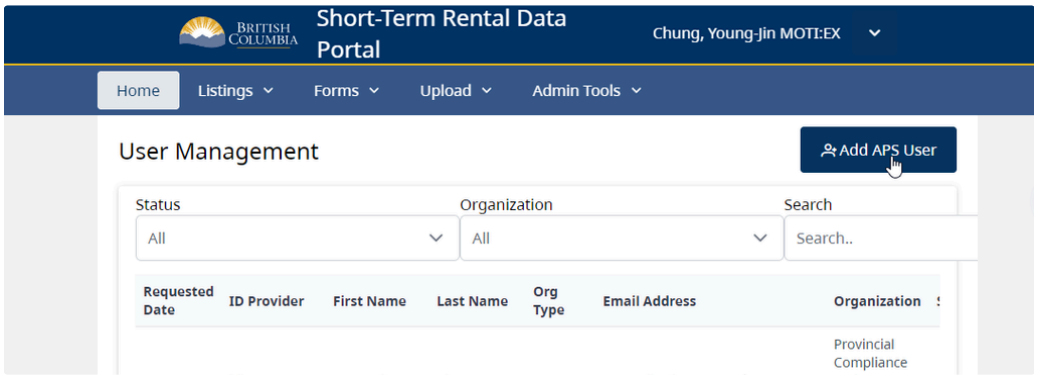
- Review and Approval: The Administrator will switch the namespace (strdata), go to the "Consumer" page, and click "Review and Approve" for your request.
- Saving Approved ID: The Administrator will save the approved client ID for further reference.







6. **Granting role from STRDATA web application:**
   - Administrator Login based on the enviornment of the request (https://dev.strdata.gov.ca, https://test.strdata.gov.bc.ca, https://uat.strdata.gov.bc.ca, https://strdata.gov.bc.ca): The Administrator needs to have an Admin role within the strdata web application.
   - Registering Client: Once logged in, navigate to "Admin Tools > User Management" and click "Add API Client" at the bottom.
   - Entering Approved Client ID: Enter the consumer ID (client ID) approved by the Administrator - highlighted in step 5.
   - Entering organization and roles: Enter the organization of the requestor and assign proper roles to the client.



7. **Additional Resources:**

- **Gateway API Documentation:** Refer to the documentation for detailed API usage information.
  - Swagger UI (gov.bc.ca)
- **Public STRDATA API Endpoints:**
  - DEV: https://strdata.dev.api.gov.bc.ca
  - TEST: https://strdata.test.api.gov.bc.ca
  - UAT: https://strdata-uat.api.gov.bc.ca
  - PROD: https://strdata.api.gov.bc.ca