# Pixie cloud API

* Revision history

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Version | Description | Author |
| 2019/3/28 | 1.0.0 | Initialize | Hand Wu |

# Definition

* Server

|  |  |
| --- | --- |
| Environment | Domain |
| Dev | https://pixiedev.compal-health.com |

* Response

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Required | Description |
| code | Number | Y | 0 means success, and the others are some error happen |
| message | String | N | The error description. It would be empty when success. |
| result | Object | N | Ref to each response result of API |

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# Register

|  |  |  |  |
| --- | --- | --- | --- |
| Description |  | | |
| Url | /api/v1/authorization/sign\_up | | |
| Method | POST | | |
| Headers |  | | |
| Request | | | |
| Parameter | Type | Required | Description |
| account | String | Y | User’s identity, must be an e-mail |
| password | String | Y | User’s password |
| Response result | | | |
| Parameter | Type | Required | Description |
| code | String |  | The grant code for changing access token |
| Example | | | |
| {  "code": 0,  "message": "",  "result": {  "code": "xxxxxxxxxxxxxxxxxxxxxxxxx"  }  } | | | |

# Get access token

|  |  |  |  |
| --- | --- | --- | --- |
| Description |  | | |
| Url | /api/v1/authorization/authorize | | |
| Method | POST | | |
| Headers | "Authorization": "Basic {client\_id:client\_secret} in base64" | | |
| Request | | | |
| Parameter | Type | Required | Description |
| code | String | Y | User’s grant code |
| grant\_type | String | Y | Always be “authorization\_code” |
| Response result | | | |
| Parameter | Type | Required | Description |
| access\_token | String |  | The token for accessing resource |
| token\_type | String |  | The type of access token, always be bearer |
| expires\_in | Number |  | The expires duration in seconds |
| refresh\_token | String |  | The token for refresh |
| scope | String |  | The scope of resource can be accessed |
| Example | | | |
| {  "access\_token": "xxxxxxxx",  "token\_type": "bearer",  "expires\_in": 86400,  "refresh\_token": "xxxxxxxxxxxxxx",  "scope": "email"  } | | | |
| Fail example | | | |
| {  "error": "invalid\_request",  "error\_description": "Client secret is not match"  } | | | |

# Get account info by scope

|  |  |  |  |
| --- | --- | --- | --- |
| Description |  | | |
| Url | /api/v1/accounts/limit\_info | | |
| Method | GET | | |
| Headers | "Authorization": "Bearer {Access token}" | | |
| Request | | | |
| Parameter | Type | Required | Description |
| Response result | | | |
| Parameter | Type | Required | Description |
| email | String |  |  |
| Example | | | |
| {  "code": 0,  "message": "",  "result": {  "email": "[xxxxxx@xxx..com](mailto:xxxxxx@xxx..com)",  "openId": "xesdrsdfvaravrfvervr"  }  } | | | |

# Error codes

|  |  |
| --- | --- |
| code | description |
| 0 | Success |
| 10001 | E-mail is empty |
| 10002 | Password is empty |
| 10003 | Not an email format |
| 10004 | Account has been registered |
| 10005 | Client id is empty |
| 10006 | Grant code is empty |
| 10007 | Grant code has expired |
| 10008 | Account id is empty |
| 10009 | Access token is empty |
| 10010 | Refresh token is empty |
| 10011 | Token type is empty |
| 10012 | Grant code is not founded |
| 10013 | Access token is not founded |
| 10014 | Access token has expired |
| 10015 | Account is not Founded |
| 10016 | Password is not match |
| 10017 | Client id is empty |
| 10018 | Client secret is empty |
| 10019 | Client secret is not match |
| 10020 | The format of client credential is wrong |
| 10021 | The authorization is not basic type |
| 10022 | The authorization is not bearer type |
| 10023 | The client credential is not founded |
| invalid\_request | Standard oauth2 error, bad request, there are wrong parameters |
| invalid\_client | Standard oauth2 error, client id or secret is wrong |
| invalid\_grant | Standard oauth2 error, grant code error |
| server\_error | Standard oauth2 error, other error |