**Image Generation**

**Create Task**

| **Protocol** | **Request URL** | **Request Method** | **Request Format** | **Response Format** |
| --- | --- | --- | --- | --- |
| https | /v1/images/generations | POST | application/json | application/json |

**Request Header**

| **Field** | **Value** | **Description** |
| --- | --- | --- |
| Content-Type | application/json | Data Exchange Format |
| Authorization | Authentication information, refer to API authentication | Authentication information, refer to API authentication |

**Request Body**

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Please note that in order to maintain naming consistency, the original model field has been changed to model\_name, so in the future, please use this field to specify the version of the model that needs to be called.

* At the same time, we keep the behavior forward-compatible, if you continue to use the original model field, it will not have any impact on the interface call, there will not be any exception, which is equivalent to the default behavior when model\_name is empty (i.e., call the V1 model).

| **Field** | **Type** | **Required Field** | **Default** | **Description** |
| --- | --- | --- | --- | --- |
| model\_name | string | Optional | **kling-v1** | Model Name   * Enum values：**kling-v1**, **kling-v1-5**, **kling-v2** |
| prompt | string | Required | None | Positive text prompt   * Cannot exceed 2500 characters |
| negative\_prompt | string | Optional | Null | Negative text prompt   * Cannot exceed 2500 characters   Note: In the Image-to-Image scenario (when the "image" field is not empty), negative prompts are not supported. |
| image | string | Optional | Null | Reference Image   * Support inputting image Base64 encoding or image URL (ensure accessibility)   Please note, if you use the Base64 method, make sure all image data parameters you pass are in Base64 encoding format. When submitting data, do not add any prefixes to the Base64-encoded string, such as data:image/png;base64. The correct parameter format should be the Base64-encoded string itself.  Example: Correct Base64 encoded parameter:  1 iVBORw0KGgoAAAANSUhEUgAAAAUAAAAFCAYAAACNbyblAAAAHElEQVQI12P4//8/w38GIAXDIBKE0DHxgljNBAAO9TXL0Y4OHwAAAABJRU5ErkJggg==  Incorrect Base64 encoded parameter (includes the data: prefix):  1   Please provide only the Base64-encoded string portion so that the system can correctly process and parse your data.   * Supported image formats include.jpg / .jpeg / .png * The image file size cannot exceed 10MB, and the width and height dimensions of the image shall not be less than 300px, and the aspect ratio of the image should be between 1:2.5 ~ 2.5:1 * the image\_reference parameter is not empty, the current parameter is required |
| image\_reference | string | Optional | Null | Image reference type   * Enum values：subject(character feature reference), face(character appearance reference) * When using face(character appearance reference), the uploaded image must contain only one face. * When using kling-v1-5 and the image parameter is not empty, the current parameter is required   Only kling-v1-5 supports the current parameter |
| image\_fidelity | float | Optional | 0.5 | Face reference intensity for user-uploaded images during generation   * Value range：[0,1]，The larger the value, the stronger the reference intensity |
| human\_fidelity | float | Optional | 0.45 | Facial reference intensity, refers to the similarity of the facial features of the person in the reference image   * Only image\_reference parameter is subject is available * Value range：[0,1]，The larger the value, the stronger the reference intensity |
| n | int | Optional | 1 | Number of generated images   * Value range：[1,9] |
| aspect\_ratio | string | Optional | 16:9 | Aspect ratio of the generated images (width:height)   * Enum values：**16:9, 9:16, 1:1, 4:3, 3:4, 3:2, 2:3, 21:9**   Different model versions support varying ranges. For details, refer to the Capability Map |
| callback\_url | string | Optional | None | The callback notification address for the result of this task. If configured, the server will actively notify when the task status changes   * The specific message schema of the notification can be found in “Callback Protocol” |

**Response Body**

**JSON**

{

"code": 0, //Error Codes；Specific definitions can be found in Error codes

"message": "string", //Error information

"request\_id": "string", //Request ID, generated by the system, is used to track requests and troubleshoot problems

"data":{

"task\_id": "string", //Task ID, generated by the system

"task\_status": "string", //Task status, Enum values：submitted、processing、succeed、failed

"created\_at": 1722769557708, //Task creation time, Unix timestamp, unit ms

"updated\_at": 1722769557708 //Task update time, Unix timestamp, unit ms

}

}

## Query Task (Single)

| **Protocol** | **Request URL** | **Request Method** | **Request Format** | **Response Format** |
| --- | --- | --- | --- | --- |
| https | /v1/images/generations/{id} | GET | application/json | application/json |

### Request Header

| **Field** | **Value** | **Description** |
| --- | --- | --- |
| Content-Type | application/json | Data Exchange Format |
| Authorization | Authentication information, refer to API authentication | Authentication information, refer to API authentication |

### Request Path Parameters

| **Field** | **Type** | **Required Field** | **Default** | **Description** |
| --- | --- | --- | --- | --- |
| task\_id | string | Required | None | The task ID generated by images Request Path Parameters，directly fill the Value in the request path |

### Request Body

None

### Response Body

**JSON**

{

"code": 0, //Error codes；Specific definitions can be found in Error codes

"message": "string", //Error information

"request\_id": "string", //Request ID, generated by the system, is used to track requests and troubleshoot problems

"data":{

"task\_id": "string", //Task ID, generated by the system

"task\_status": "string", //Task status, Enum values：submitted、processing、succeed、failed

"task\_status\_msg": "string", //Task status information, displaying the failure reason when the task fails (such as triggering the content risk control of the platform, etc.)

"created\_at": 1722769557708, //Task creation time, Unix timestamp, unit ms

"updated\_at": 1722769557708, //Task update time, Unix timestamp, unit ms

"task\_result":{

"images":[

{

"index": int, //Image Number，0-9

"url": "string" //URL for generating images，such as：https://h1.inkwai.com/bs2/upload-ylab-stunt/1fa0ac67d8ce6cd55b50d68b967b3a59.png(To ensure information security, generated images/videos will be cleared after 30 days. Please make sure to save them promptly.)

}

]

}

}

}

## Query Task (List)

| **Protocol** | **Request URL** | **Request Method** | **Request Format** | **Response Format** |
| --- | --- | --- | --- | --- |
| https | /v1/images/generations | GET | application/json | application/json |

### Request Header

| **Field** | **Value** | **Description** |
| --- | --- | --- |
| Content-Type | application/json | Data Exchange Format |
| Authorization | Authentication information, refer to API authentication | Authentication information, refer to API authentication |

### Query Parameters

/v1/images/generations?pageNum=1&pageSize=30

| **Field** | **Type** | **Required Field** | **Default** | **Description** |
| --- | --- | --- | --- | --- |
| pageNum | int | Optional | 1 | Page number Value range：[1,1000] |
| pageSize | int | Optional | 30 | Data volume per page Value range：[1,500] |

### Request Body

None

### Response Body

### JSON

{

"code": 0, //Error codes；Specific definitions can be found in Error codes

"message": "string", //Error information

"request\_id": "string", //Request ID, generated by the system, is used to track requests and troubleshoot problems

"data":[

{

"task\_id": "string", //Task ID, generated by the system

"task\_status": "string", //Task status, Enum values：submitted、processing、succeed、failed

"task\_status\_msg": "string", //Task status information, displaying the failure reason when the task fails (such as triggering the content risk control of the platform, etc.)

"created\_at": 1722769557708, //Task creation time, Unix timestamp, unit ms

"updated\_at": 1722769557708, //Task update time, Unix timestamp, unit ms

"task\_result":{

"images":[

{

"index": int, //Image Number，0-9

"url": "string" //URL for generating images，such as：https://h1.inkwai.com/bs2/upload-ylab-stunt/1fa0ac67d8ce6cd55b50d68b967b3a59.png(To ensure information security, generated images/videos will be cleared after 30 days. Please make sure to save them promptly.)

}

]

}

}

]

### }