

```

from ibm_watson_machine_learning import APIClient

web_cred={

    "apikey": "k5dhyLxzvx0g0E6KPDSTLtIQgenUGD3loujiRCWrBErK",

    "url": "https://eu-gb.ml.cloud.ibm.com"}

client=APIClient(web_cred)

spaceID="e4ef5efc-e11a-41cc-9c1e-
b45c6a510aeb"x=client.set.default_space(spaceID)x

'SUCCESS'

sw_id=client.software_specifications.get_uid_by_name("tensorflow_rt
22.1-py3.9")sw_id

'acd9c798-6974-5d2f-a657-ce06e986df4d'

!tar -zcvf sign_lang.tgz keras_model.h5

a keras_model.h5

model_details=client.repository.store_model(model="sign_lang.tgz",m
eta_props={

    client.repository.ModelMetaNames.NAME: "CNN_sign_lang",

    client.repository.ModelMetaNames.TYPE: "tensorflow_2.7",

    client.repository.ModelMetaNames.SOFTWARE_SPEC_UID:sw_id})

model_details

{'entity': {'hybrid_pipeline_software_specs': [],

    'software_spec': {'id': 'acd9c798-6974-5d2f-a657-ce06e986df4d',

    'name': 'tensorflow_rt22.1-py3.9'},

    'type': 'tensorflow_2.7'},

'metadata': {'created_at': '2022-11-07T04:58:57.379Z',

    'id': 'e85e52c1-6ab2-4fa5-a56e-5610b7368292',

    'modified_at': '2022-11-07T04:59:02.593Z',

```

```

' name': 'CNN_sign_lang',
' owner': 'IBMid-668000CNQ0',
' resource_key': 'd767170e-5545-4e10-9c54-687fed2e8128',
' space_id': 'e4ef5efc-e11a-41cc-9c1e-b45c6a510aeb'},
' system': {'warnings': []}}

model_id=client.repository.get_model_id(model_details)model_id
'e85e52c1-6ab2-4fa5-a56e-5610b7368292'

client.repository.list()

-----

-----

GUID                                NAME                                CREATED
                                FRAMEWORK                                TYPE
e85e52c1-6ab2-4fa5-a56e-5610b7368292 CNN_sign_lang 2022-11-07T04:58:
57.002Z tensorflow_2.7 model

-----

-----

model_id="e85e52c1-6ab2-4fa5-a56e-
5610b7368292"client.repository.download(model_id,"sign_lang_1.tgz")
Successfully saved model content to file: 'sign_lang_1.tgz'
'c:\\Users\\Deva\\Documents\\PROGRAMMING\\Project/sign_lang_1.tgz'

```