

FunctionGraph

SDK

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1 SDK Overview

This document describes different SDK runtimes supported by FunctionGraph and provides the addresses for obtaining the latest SDK versions.

Generating Code Inline

API Explorer can dynamically generate SDK code that meets your requirements, simplifying SDK usage. Therefore, it is recommended.

SDK List

Table 1-1 lists the SDKs supported by FunctionGraph. You can view SDK updates, obtain installation packages, and view user guides in GitHub.

Table 1-1 SDK list

Runtime	GitHub Address	Reference
Java	huaweicloud-sdk-java-v3	Java SDK User Guide
Python	huaweicloud-sdk-python-v3	Python SDK User Guide
Go	huaweicloud-sdk-go-v3	Go SDK User Guide
.NET	huaweicloud-sdk-net-v3	.Net SDK User Guide

Mappings Between APIs and SDKs

Table 1-2 lists the mappings between FunctionGraph APIs and SDKs.

Table 1-2 Mappings between APIs and SDKs

API	SDK Method (Same for All Runtimes)
Implementing synchronous function invocation	invoke_function
Implementing asynchronous function invocation	async_invoke_function
Obtaining the dependency list	list_dependencies
Creating a dependency	create_dependency
Deleting a dependency	delete_dependency
Obtaining a specified dependency	show_dependency
Updating a specified dependency	update_dependency
Obtaining the test event list	list_events
Creating a test event	create_event
Deleting a test event	delete_event
Obtaining the details of a test event	show_event
Updating a test event	update_event
Querying the tenant quotas	list_quotas
Obtaining function running metrics in a specified period	list_function_statistics
Querying account-level function statistics	list_statistics
Updating a trigger	update_trigger
Querying the function list	list_functions
Creating a function	create_function
Deleting a function or a function version	delete_function
Querying all version aliases of a function	list_version_aliases
Creating an alias for a function version	create_version_alias
Deleting a function alias	delete_version_alias
Querying the alias of a function version	show_version_alias
Modifying the alias information about a function version	update_version_alias

API	SDK Method (Same for All Runtimes)
Querying the code of a function	show_function_code
Modifying the code of a function	update_function_code
Querying the metadata of a function	show_function_config
Modifying the metadata of a function	update_function_config
Querying all versions of a function	list_function_versions
Publishing a function version	create_function_version
Setting the number of reserved instances	update_function_reserved_instances
Configuring asynchronous invocation for a function version	update_function_async_invoke_config
Obtaining the asynchronous invocation configuration of a function version	show_function_async_invoke_config
Deleting the asynchronous invocation configuration of a function version	delete_function_async_invoke_config
Obtaining the asynchronous invocation configurations of all versions of a function	list_function_async_invoke_config
Deleting all triggers of a function	batch_delete_function_triggers
Querying all version aliases of a function	list_version_aliases
Creating a trigger	create_function_trigger
Deleting a trigger	delete_function_trigger
Querying the information about a trigger	show_function_trigger