

# Calling Functions Directly

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# What You Will Learn



**Creating a Callable Function**

**Setting up a Client Environment**

**Triggering Functions with HTTP Request**

**Terminating HTTP Functions**



# Creating a Callable Function

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# Callable Functions - Additional Features

**Firebase Authentication  
included in requests**

**Request body deserialized &  
auth tokens validated**



# functions.https.onCall



# Demo



## Creating a callable function



`functions.https.HttpsError`



# Setting up a Client Environment

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# Demo



## Setting up a Client Environment



# Triggering Functions with an HTTP Request

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functions.https



# onRequest()



# Demo



## Triggering Functions



## Content Type

## Behavior

application/json

request.body.propName

application/octet-stream

request.body

text-plain

request.body

application/x-www-  
form-urlencoded

request.body.propName



# Terminating HTTP Functions

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End an HTTP Function with:

`send()`

`redirect()`

`end()`





# Demo



## Terminating HTTP Functions



# Summary



## Callable Firebase Functions

- Write functions
- Deploy functions

## Setting up a Client Environment

## Functions via HTTP Requests

- Triggering functions
- Reading values from requests
- Terminating functions

