

---

# **Splunk SDK for Python Documentation**

***Release 1.6.6***

**Splunk Inc.**

**Dec 06, 2018**



---

## Contents

---

|          |                       |           |
|----------|-----------------------|-----------|
| <b>1</b> | <b>client</b>         | <b>3</b>  |
| <b>2</b> | <b>data</b>           | <b>5</b>  |
| <b>3</b> | <b>results</b>        | <b>7</b>  |
| <b>4</b> | <b>modularinput</b>   | <b>9</b>  |
| <b>5</b> | <b>searchcommands</b> | <b>11</b> |



Welcome to the API reference for the Splunk SDK for Python, which describes the modules that are included in the SDK. For more information, see the [Splunk Developer Portal](#).

`connect()` function

`namespace()` function

`Context` class

`ResponseReader` class

### **Exceptions**

`handler()` function

`AuthenticationError` class

### **Custom HTTP handler**

`HTTPError` class

`HttpLib` class



`connect()` function

`Service` class

`Endpoint` base class

## **Entities and collections**

`Entity` class

`Collection` class

`ReadOnlyCollection` class

`Application` class

`AlertGroup` class

`ConfigurationFile` class

`Stanza` class

`Configurations` class

`Index` class

`Indexes` class

`Input` class

`Inputs` class

`Job` class

`Jobs` class

`KVStoreCollection` class

`KVStoreCollectionData` class

`KVStoreCollections` class

`Loggers` class

Message class

ModularInputKind class

Role class

Roles class

SavedSearch class

SavedSearches class

Settings class

StoragePassword class

StoragePasswords class

User class

Users class

### **Exceptions**

AmbiguousReferenceException class

IllegalOperationException class

IncomparableException class

InvalidNameException class

NoSuchCapability class

NotSupportedError class

OperationError class



## CHAPTER 2

---

data

---

`load()` function

`record()` function

Record class



## CHAPTER 3

---

results

---

ResultsReader class

Message class



## CHAPTER 4

---

### modularinput

---

Argument class

Event class

EventWriter class

InputDefinition class

Scheme class

Script class

ValidationDefinition class



## CHAPTER 5

---

### searchcommands

---

EventingCommand class  
GeneratingCommand class  
ReportingCommand class  
StreamingCommand class  
Option class