include::attributes.txt[]

[.topic] [#libraries] = The {aws} CDK libraries :info\_titleabbrev: Libraries :keywords: {aws} CDK, {aws} CDK libraries, constructs, {aws} Construct Library

== [abstract]

## Learn about the core libraries that you will use with the {aws} Cloud Development Kit ({aws} CDK).

// Content start

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[#libraries-cdk] == The {aws} CDK Library

The {aws} CDK Library, also referred to as aws-cdk-lib, is the main library that you will use to develop applications with the {aws} CDK. It is developed and maintained by {aws}. This library contains base classes, such as https://docs.aws.amazon.com/cdk/api/v2/docs/aws-cdk-lib.App.html[App] and https://docs.aws.amazon.com/cdk/api/v2/docs/aws-cdk-lib.Stack.html[Stack]. It also contains the libraries you will use to define your infrastructure through constructs.

[#libraries-construct] == The {aws} Construct Library

The {aws} Construct Library is a part of the {aws} CDK Library. It contains a collection of xref:constructs[constructs] that are developed and maintained by {aws}. It is organized into various modules for each {aws} service. Each module includes constructs that you can use to define your {aws} resources and properties.

[#libraries-constructs] == The Constructs library

The Constructs library, commonly referred to as constructs, is a library for defining and composing cloud infrastructure components. It contains the core https://docs.aws.amazon.com/cdk/api/v2/docs/constructs.Construct.html[Construct] class, which represents the construct building block. This class is the foundational base class of all constructs from the {aws} Construct Library. The Constructs library is a separate general-purpose library that is used by other construct-based tools such as *CDK for Terraform* and *CDK for Kubernetes*.

[#libraries-reference] == The {aws} CDK API reference

The https://docs.aws.amazon.com/cdk/api/v2/docs/aws-construct-library.html[{aws} CDK API reference] contains official reference documentation for the {aws} CDK Library, including the {aws} Construct Library and Constructs library. A version of the API reference is provided for each supported programming language.

* For {aws} CDK Library (aws-cdk-lib) documentation, see https://docs.aws.amazon.com/cdk/api/v2/docs/aws-cdk-lib-readme.html[aws-cdk-lib module].
* Documentation for constructs in the {aws} Construct Library are organized by {aws} service in the following format: aws-cdk-lib.<service>. For example, construct documentation for Amazon Simple Storage Service (Amazon S3), can be found at https://docs.aws.amazon.com/cdk/api/v2/docs/aws-cdk-lib.aws\_s3-readme.html[aws-cdk-lib.aws\_s3 module].
* For Constructs library (constructs) documentation, see https://docs.aws.amazon.com/cdk/api/v2/docs/constructs-readme.html[constructs module].

[#libraries-reference-contribute] === Contribute to the {aws} CDK API reference

The {aws} CDK is open-source and we welcome you to contribute. Community contributions positively impact and improve the {aws} CDK. For instructions on contributing specifically to {aws} CDK API reference documentation, see https://github.com/aws/aws-cdk/blob/main/CONTRIBUTING.md#documentation[Documentation] in the *aws-cdk [.noloc]GitHub repository*.

[#libraries-learn,libraries-learn.title] == Learn more

For instructions on importing and using the CDK Library, see xref:work-with[Work with the CDK library].