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# SWAGGER SDK AND CBSWAGGER V2 RELEASED!



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Sep 03, 2019

We are very excited to finally update our swagger modules to version 2: `swagger-sdk`, `cbSwagger`. This major version has tons of new features and improvements when documenting ColdBox APIs. However, the biggest features are that we now support the latest Open API Spec => v3.0.2 and we can export your documentation in either JSON or YAML. Check out the release notes below to see all the great new improvements.

## SWAGGER SDK V2.0

This module allows for software development using the Swagger/OpenAPI specification.

```
box install swagger-sdk
```

- Open API 3.02 support instead of swagger
- New template layout
- Engine removals: lucee4.5, ACF10, ACF11
- Upgraded jackson-core to latest v2.9.9

- Upgraded snakeyaml to latest v1.24
- Added more tests
- Added ability to chain methods on all methods that where void before.
- `document.asYAML()` is not fully implemented so you can convert the document to yaml.
- Upgraded `createLinkedHashMap()` to use new ACF `structNew("ordered")` instead.

## CBSWAGGER V2.0

This module automatically generates OpenAPI documenation from your configured application and module routes in either JSON or YAML by simply visiting `/cbSwagger` in your URL. Focus on building your APIs and document them with ease by simply annotating your handlers.

```
box install cbSwagger
```

- **feature**: Upgraded to swagger-sdk 2.0.0 to support OpenAPI 3.0.x. A great guide on migrating is here: <https://blog.readme.io/an-example-filled-guide-to-swagger-3-2/>
- Migrated `cbSwagger` settings to the `moduleSettings` struct instead of top-level in the `config/ColdBox.cfc`. Make sure you move your settings.
- **feature** : You can now pass a `format` to the `/cbSwagger` endpoint to either get the OpenAPI doc as `json` or `yaml`. Eg: `/cbswagger?format=yml`
- **feature** : You have two distinct routes for the json and yaml formats: `/cbSwagger/json` and `/cbSwagger/yml`
- You can choose your default output format via the module settings: `defaultFormat` setting. Valid options are `json` and `yml`
- **features** : Support for ColdBox 5 event routing and response routing.

- `improvement` : You can now tag your handlers with a `displayName` that will be used for operation ID building
- `improvement` : Improved the way operation Ids are reported so they can be unique when reusing handler actions.
- `improvement` : Refactored `createLinkedHashMap()` -> `structNew( "ordered" )`
- `improvement`: Removed lucee 4.5, acf11 support.

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