

OVERVIEW

These release notes provide a list of changes to the Carbon DLS API, including new features, known issues, removed features, and coming soon. In this release, we have added the following features:

- **API version 0.2.0 has been released**
- New Printer endpoint to access queue information
- New querying parameters have been added to PrintOrders

You can find the entire process from generating an API key to testing your JWT token on our API repo located at <https://github.com/carbon3d/carbon3d-api>.

The Carbon DLS API is provided as an OpenAPI spec ([api.yaml](#)). This spec allows you to generate client libraries in many languages. A list of supported OpenAPI generators is available [here](#).

If you have any questions and/or feedback, please contact api-list@carbon3d.com.

NEW FEATURES

1. API version 0.2.0 has been released

We have updated to 0.2.0 to signify the removal of the Offset parameter from all endpoints except for Printers and the removal of the Orders endpoint.

This version update requires client 0.1.4 or higher.

2. New Printer endpoint to access queue information (*GET /printers/queues*) (CLP-16665)

The new printer endpoint allows for querying printer print information with the item at the top being the next project in the queue and the subsequent project listed in order of the queue.

3. New querying parameters have been added to PrintOrders (*GET /print_orders*) (CLP-17058)

The following query parameters have been added to PrintOrders: Printer Name (*printer_name*), Printer Serial (*printer_serial*).

KNOWN ISSUES

For some of the known issues we do have workarounds. However, we are still working to solve the issue at hand.

- The description of the sort fields in Printed Parts is missing the new fields that were added. This is only an issue with the description text (no functional impact) and will be fixed in the next release. (CLP-17296)
- New Printed Parts are created after print of AutoBuild instead of updating existing Printed Parts (CLP-17217)

- Builds created via API are unable to be adjusted in the printer UI when queued directly from the printer. (CLP-17191)
 - *Workaround:* The current workaround is to download the .carbon file and then create a project using that file.
 - *Fix timeline:* The fix to this issue requires a printer software update. We target to have a solution for this in v1.28 which is targeted to be released by mid-November.
- Offset parameter currently appears on the API docs under PrintOrders (*GET /print_orders*) and will be removed in the next update (CLP-17471)

Please reach out to our API support group at api-list@carbon3d.com or file issues on our GitHub repo.

REMOVED FEATURES

- The endpoint Orders (*GET /orders*) has been removed as of version 0.2.0 . Users should replace this with PartOrders (*GET /part_orders*). (CLP-15996)
- The offset parameter has been removed as of version 0.2.0 for the following endpoints: Models (*GET /models*), Parts (*GET /parts*), Builds (*GET /builds*), PartOrders (*GET /part_orders*), PrintOrders (*GET /print_orders*), Prints (*GET /prints*), and Printed Parts (*GET /printed_parts*). It is recommended to replace these with the new pagination parameter (*Cursor*) that has been implemented for those endpoints. (CLP-15996)

If you require assistance on how to use the recommended replacement endpoints, please reach out to your Carbon Technical Partner for support.

IMPROVEMENTS COMING SOON

The following will be implemented in an upcoming release:

- Additional information (ie. Revision, status, filename) will be returned when querying for Builds
- The ability to query the queued prints across printers