

OVERVIEW

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

- **API version 0.1.0 has been released**
- Two new endpoints have been added - PartMeasurements (GET /part_measurements) and PartMeasurementTemplates (GET /part_measurement_templates)
- A new pagination method has been added to Part Orders (GET /part_orders), Part Measurements (GET /part_measurements), and Part Measurement Templates (GET /part_measurement_templates)

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.

RESOLVED ISSUES

1. Updated the README file (CLP-16947)

The readme file on our repo has been updated with minor text changes as well as new definitions for the two new endpoints added in 0.1.0 (Part Measurements and Part Measurement Templates).

NEW FEATURES

1. API version 0.1.0 has been released (CLP-16880)

Starting with 0.1.0, the API versions will be based on semantic versioning (major.minor.patch). Changes that increment the major or minor version will require a client update, while patch version updates will not.

2. PartMeasurements (GET /part_measurements) and PartMeasurementTemplates (GET /part_measurement_templates) (CLP-16146)

GET /part_measurements returns recorded measurement information for prints while GET /part_measurement_templates returns all available measurement fields for prints.

Both endpoints can be queried for specific parameters such as cursor, UUID, application ID, and updated before/after as well as sort by UUID and last updated. Please note that we are only supporting GET requests for these endpoints. We currently do not support writing to the Carbon Quality system.

Part Measurements and Part Measurement Templates requires access to the Carbon Quality system. Please reach out to your Carbon Technical Partner if you are interested in learning more about this feature.

3. New pagination method (cursors) for Part Orders (*GET /part_orders*), Part Measurements (*GET /part_measurements*), and Part Measurement Templates (*GET /part_measurement_templates*) (CLP-16705, CLP-16706, CLP-16741)

A new pagination parameter (cursor) for data has been implemented that replaces the current offset field (please see the readme in the python_examples folder on our GitHub for more information). This is currently implemented for Part Orders, Part Measurements, and Part Measurement Templates. Please see the Coming Soon section for fields that will be receiving this new pagination field in the near future. Also note, that we plan to deprecate the current offset field after all of the cursor parameters have been added to all endpoints.

Note: when an unknown or invalid cursor string is used, a 400 error response code will be displayed.

KNOWN ISSUES

- When using both finished_after and finished_before parameters in a GET /print request, the request will return prints finished_before the specific date. (CLP-16915) We are working to have this fix rolled out by

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

DEPRECATED SOON

- The endpoint Orders (*GET /orders*) is scheduled **to be removed on 9/8**. To prevent any interruptions, please use PartOrders (*GET /part_orders*) (CLP-15996) instead. If you are unable to make changes to your system by the date stated above, please reach out to your Carbon Technical Partner for support.

IMPROVEMENTS COMING SOON

The following will be implemented in an upcoming release:

- Improvements on auto-packer speed (CLP-16787)
- Add ability to filter between finished_after and finished_before to GET /Prints (CLP-16915)
- Add new pagination method for Printed Parts, Models, Builds, (CLP-16707, CLP-16704, CLP-16712)