

OVERVIEW

These release notes provide a list of changes to the Carbon DLS API. If you wish to use any of the new features listed below, you will need to update your programs that interact with the API.

Overview of changes:

- New features
 - GET /models endpoint is active
 - GET /prints endpoint returns estimated print time for queued prints
 - Additions to Experimental Endpoints
- General improvements
 - Documentation updated to be inclusive of more potential use cases

You can find API-related documentation on our GitHub repository, located at <https://github.com/carbon3d/carbon3d-api>. A shortened version of these release notes is also available via GitHub: <https://github.com/carbon3d/carbon3d-api/releases>.

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

NEW FEATURES

GET /models endpoint is active

The GET /models endpoint, previously temporarily deactivated, is now functional.

When you query this endpoint with one or more model uuids or external IDs, you will receive a response with the following information:

- uuid
- filename
- external_id
- application_uuid (*will always be blank; this field may be deprecated in the future*)
- description
- file_size_bytes
- created_at
- created_by

Submitting an invalid uuid will return an error.

GET /prints endpoint returns estimated print time for queued prints

GET /prints returns a variety of print data, including the field remaining_sec. This field has historically contained the remaining seconds of an in-process print. When GET /prints is queried for a print that is queued but not yet

started, the value 0 has been returned. With API v0.4.6, the `remaining_sec` field for queued prints will now include the estimated print time for that queued build.

This information can be used to drive awareness of total queue length (in time) and/or inform features related to queueing decisions.

Additions to Experimental Endpoints

Experimental Endpoints (introduced in API v0.4.4) have been expanded. Experimental Endpoints are for internal testing purposes only and are not suitable for external use.

GENERAL IMPROVEMENTS

Documentation updated

General API documentation on our API docs page (<https://api.carbon3d.com/v1/api-docs/#/>) and Github repo (<https://github.com/carbon3d/carbon3d-api>) have been updated to reflect recent changes and elaborate on suggested implementation of multiple custom use cases.

FEEDBACK

Please reach out to support@carbon3d.com or file issues on our GitHub repository.