

# Dosimetry Versions

This page serves as references to all currently published versions of the astroid Dosimetry app. For each version the manifest documentation and release notes are given. The manifest documentation is the link to the manifest for the specific version, as each version has a unique manifest and potentially different available functions/types.

## Current Stable Version:

- **Dosimetry - 1.0.1.10**

- Manifest Documentation:

- [docs.apps.dotdecimal.com/dosimetry/](https://docs.apps.dotdecimal.com/dosimetry/)

- Release Notes:

1. Added numerous radiotherapy support functions (RSF). See [Radiotherapy Support Functions \(RSF\)](#) for more information on each function.
  1. Contouring: `bounding_box`, `point_in_polygon`, `point_in_polyset`, `distance_to_polyset`, `scale_polygon`, `scale_polyset`, `make_aperture`, `point_list_bounding_box`
  2. Imaging: `image_bounding_box`, `image_histogram`, `image_min_max`, `image_list_min_max`, `combine_images`, `create_uniform_image_on_grid`
  3. Structures: `structure_volume`, `structure_centroid`, `point_in_structure`
2. Added helpers functions to build common input structures (e.g. `make_cube`, `make_sphere`)
  1. Triangle\_mesh builders: `make_cube`, `make_sphere`, `make_pyramid`, `make_cylinder`, `make_parallelepiped`
  2. Structure\_geometry builders: `make_sliced_box`, `make_sliced_sphere`, `make_sliced_pyramid`, `make_sliced_cylinder`, `make_sliced_parallelepiped`
3. User Guide has been updated with several new example scripts and a new Python thinknode support library

## Current Beta Version:

- **Dosimetry - 1.0.1.10beta**

- Manifest Documentation:

- [docs.apps.dotdecimal.com/dosimetry/versions/v1.0.1.10\\_pbs/](https://docs.apps.dotdecimal.com/dosimetry/versions/v1.0.1.10_pbs/)

- Release Notes:

1. Contains PBS functions and additional RSF functions that are undergoing clinical review and evaluation

## Previous Versions:

- **Dosimetry - 1.0.0.0**

- Manifest Documentation:

- [docs.apps.dotdecimal.com/dosimetry/versions/v1.0.0.0/](https://docs.apps.dotdecimal.com/dosimetry/versions/v1.0.0.0/)
- Release Notes:
  1. Initial release on thinknode framework.

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