



NOTE:

"Standard tab" (eg, extra-Institute) git.isis.v.e accounts currently require approval after registration. Please contact ISIS IT if needed.

Those with ISIS credentials should authenticate with via the "ISIS" tab.

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d Bapty 11 months ago

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Parameters for Component Types


These are the geometric parameters that are fed into the parametric CAD models for the UAV corpus.

Component type:

- Tube
 - OD
 - ID
 - Length
- Plate
 - THICKNESS
 - LENGTH
 - WIDTH
- BATTERY
 - LENGTH
 - WIDTH
 - THICKNESS
- ESC
 - LENGTH
 - WIDTH
 - THICKNESS
- GPS
 - HEIGHT
 - DIAMETER
- WING
 - CHORD
 - SPAN
 - LASTTWO
- MOTOR
 - TOTAL_LENGTH
 - LENGTH
 - CAN_DIAMETER
 - CAN_LENGTH
 - SHAFT_DIAMETER
- AUTOPILOT
 - LENGTH
 - WIDTH
 - HEIGHT
- SENSOR/RECEIVER
 - WIDTH
 - LENGTH

Here is a sample/proposed format: `designData.json` `designParameters.json`

Comments?

 Clone repository

Component and Design Authoring to Graph

Geometric Parameters for Component Types

UAM Component Information

UAV Component Information

UAV Component Parameters

corpus

Corpus Instructions and Details

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