Your Project Documentation

Release 0.1

Your Name

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ONE

FSPSIM PACKAGE

1.1 Subpackages

1.1.1 fspsim.utils package

Submodules

fspsim.utils.Conversions module

fspsim.utils.Formatting module

fspsim.utils.Formatting.**calculate_form_factor**(*form_factor_str*)

reads a string describing the form factor of satellties in a sub constellation and returns characteristic length and area of to populate the SpaceObject class metadata return error if form factor is not a string

Parameters
form_factor_str (*string*) – string describing the form factor of satellties

Raises
ValueError – Form factor must be a string

Returns
characteristic length, characteristic area

Return type
tuple

fspsim.utils.Formatting.**future_constellations_csv_handler**(*file_path*)

Checks that the user supplied Future Constellation CSV is in the correct format for the simulation

Parameters
file_path (*str*) – File Path of the CSV

Returns
Dictionary of the constellations in a format the fspsim can read.

Return type
dict

1.2 Submodules

1.3 fspsim.simulate module

1.4 Module contents

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