

**pCT\_Tools DOCUMENTATION:**

THE FOLLOWING DOCUMENTATION DESCRIBES EACH BASH FUNCTION/SCRIPT AND OUTLINES THEIR OPTIONS AND USAGE.

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### add\_tardis\_data DETAILS:

**Ubiquitous Usage:** Use these options to specify the path to the data to be copied to Tardis, the destination Tardis node, and if its organized/unorganized.

#### Options:

- h
- v
- p
- U
- H
- N

#### Option Details:

print help to terminal  
 verbose console output on (DEFAULT: 'off')  
 path to data (DEFAULT: current working directory)  
 unorganized data flag (DEFAULT: organized)  
 organized data heirarchy flag (DEFAULT)  
 destination Tardis node number (3-5) (DEFAULT: '3')

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#### **Organized Data:**

– The default option values are set such that when organized data is specified, this organized data is automatically copied to the corresponding organized data directory on Tardis without additional user input

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#### **Unorganized Data:**

– Specify if the unorganized data should be organized first or copied to a user's unorganized data directory on Tardis

#### Options:

- F

#### Option Details:

organize data before transfer (DEFAULT: false)

**(i) Organize First:**

– Organize data first and copy to organized data directory on Tardis (requires path to data and specification of information needed to organize the data)

**Options:**

**-P**  
**-R**  
**-M**  
**-C**  
**-t**  
**-o**  
**-r**  
**-n**  
**-d**  
**-D**  
**-E**  
**-G**  
**-T**  
**-I**  
**-O**

**Option Details:**

preprocessed data flag (DEFAULT: preprocessing)  
reconstruction data flag (DEFAULT)  
move data (DEFAULT: copy)  
copy data (DEFAULT: copy)  
destination Kodiak path for pre-organized data (DEFAULT: \$PWD)  
object name (REQUIRED)  
run date (REQUIRED)  
run # + tag(s) (REQUIRED)  
preprocessed date (DEFAULT: today)  
reconstruction date, if applicable (DEFAULT: today)  
Experimental data flag (DEFAULT)  
GEANT4 data flag  
TOPAS data flag  
input data flag  
output data flag

**(ii) Copy Direct:**

– Copy unorganized data to user's unorganized data directory on Tardis in a subdirectory specified by the user (requires path to data, specify desired subdirectory of user\_data on Tardis)

**Options:**

**-t**

**Option Details:**

subdirectory of unorganized data on Tardis (DEFAULT: \$PWD)