Reviewed by Jackson Lightfoot

"""A database object for MCMRI data that enables compatability with PyTorch."""

**Class:**

***MultiChannelMRIDataset***

"""A Multichannel MRI Dataset, compatible with PyTorch.

This class is designed to be used in the System block of the Recon object as a data holder; it is passed into other sub-blocks for preprocessing before entering the model and optimization blocks.

Args:

data\_file (string, path): Path to the file the data is stored in.

stdev (float): Standard deviation.

num\_data\_sets (int): …

adjoint (bool): …

preload (bool): …

id (int): …

clear\_cache (bool): …

cache\_data (bool): …

gen\_masks (bool): ...

scale\_data (bool): …

fully\_sampled (bool): Whether or not the MRI data is fully sampled.

data\_idx (bool): …

inverse\_crime (bool): …

noncart (bool): ...

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