

mri_struct

+structural_data: NumPy array
+compression_rate: double
+coils_n: int
+sensitivity_maps: NumPy array
+stuct_noise_map: NumPy array
+skull_stripping_mask: NumPy array
+segmentation: NumPy array
+filtering_allowed: bool
+inhomogeneity_correction_allowed: bool



mri_diff

+diffusion_data: NumPy array
+gradients: NumPy array
+b_value: double
+biomarkers: type returned by DTI module
+diff_noise_map: NumPy array

simens_communicator

+gui_says: queue.Queue
+core_says: queue.Queue
+exit_event: multiprocessing.Event

simens_msg

+module: string
+arguments: any type