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|----|-----------|----------|
| IN | inputnode | OUT |
| | utility | in_data |
| | | metadata |

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|---------|---------|----------|
| IN | flatten | OUT |
| in_data | utils | out_data |
| in_meta | | out_meta |

| | | |
|----------|--------------|----------|
| IN | concat_blips | OUT |
| in_files | nibabel | out_file |
| | | |

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|----------|--------------|--------------|
| IN | readout_time | OUT |
| in_file | epi | readout_time |
| metadata | | |

| IN | topup | OUT |
|--------------------|---------------|---------------|
| | | out_corrected |
| encoding_direction | fsl | out_field |
| in_file | | out_fieldcoef |
| | readout_times | out_jacs |
| out_mats | | |
| out_warps | | |

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|----------|-----------------|---------|
| IN | merge_corrected | OUT |
| in_files | images | out_avg |
| | | |

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|----------|-----------|-----------|
| IN | fix_coeff | OUT |
| fmap_ref | bspline | out_coeff |
| in_coeff | | |
| pe_dir | | |

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|-------------------|--------------------|---------------------|
| IN | brainextraction_wf | OUT |
| inputnode.in_file | | outputnode.out_mask |
| | | |
| | | |

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|------------|------------|-----|
| IN | outputnode | OUT |
| fmap | | |
| fmap_coeff | | |
| fmap_mask | utility | |
| fmap_ref | | |
| jacobians | | |
| out_warps | | |
| xfms | | |

