

|    |           |           |
|----|-----------|-----------|
| IN | inputnode | OUT       |
|    | utility   | magnitude |
|    |           | mask      |
|    |           | phase     |

|       |         |          |
|-------|---------|----------|
| IN    | split   | OUT      |
| phase | utility | map_file |
|       |         | meta     |

|         |            |          |
|---------|------------|----------|
| IN      | phmap2rads | OUT      |
| in_file | fmap       | out_file |
|         |            |          |

|           |             |            |
|-----------|-------------|------------|
| IN        | calc_phdiff | OUT        |
| in_meta   | fmap        | metadata   |
| in_phases |             | phase_diff |

|                |         |                      |
|----------------|---------|----------------------|
| IN             | prelude | OUT                  |
| magnitude_file | fsl     |                      |
| mask_file      |         | unwrapped_phase_file |
| phase_file     |         |                      |

|          |          |          |
|----------|----------|----------|
| IN       | compfmap | OUT      |
| in_file  | fmap     | out_file |
| metadata |          |          |

|          |            |     |
|----------|------------|-----|
| IN       | outputnode | OUT |
| fieldmap | utility    |     |
|          |            |     |

