



A diagram showing a stack of software layers. From top to bottom, the layers are: MPI Application (red), OMPI (purple), ORTE (purple), OPAL (purple), Operating System (blue), and Hardware (green). The OMPI, ORTE, and OPAL layers are connected by a vertical line on the right side, indicating they are part of the same suite or framework.

MPI Application

OMPI

ORTE

OPAL

Operating System

Hardware