

<b>Function</b>	<b>Description</b>
<i>hash</i>	Maps the sets of peers and keys to $Chord \cup \{undef\}$
<i>ping</i>	Tests whether a node is reachable
<i>member_of</i>	Checks whether a node is between two nodes in <i>Chord</i>
<i>communication</i>	Realizes communication requests
<i>mode</i>	Determines <i>Peer_agent</i> state
<i>known_nodes</i>	Simulates external knowledge about existing nodes
<i>key_value</i>	Select a $\langle key, value \rangle$ for storing in the network
<i>keys</i>	Select to look for a <i>value</i> with particular <i>key</i>