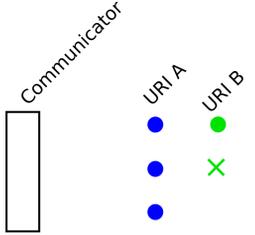
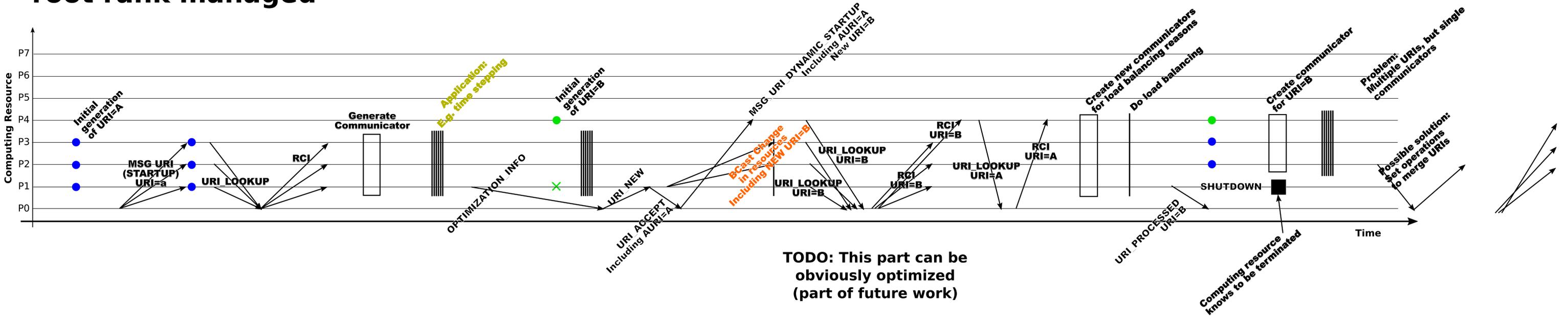


# Thoughts on global barrier-based codes



## root rank managed



## root rank managed

