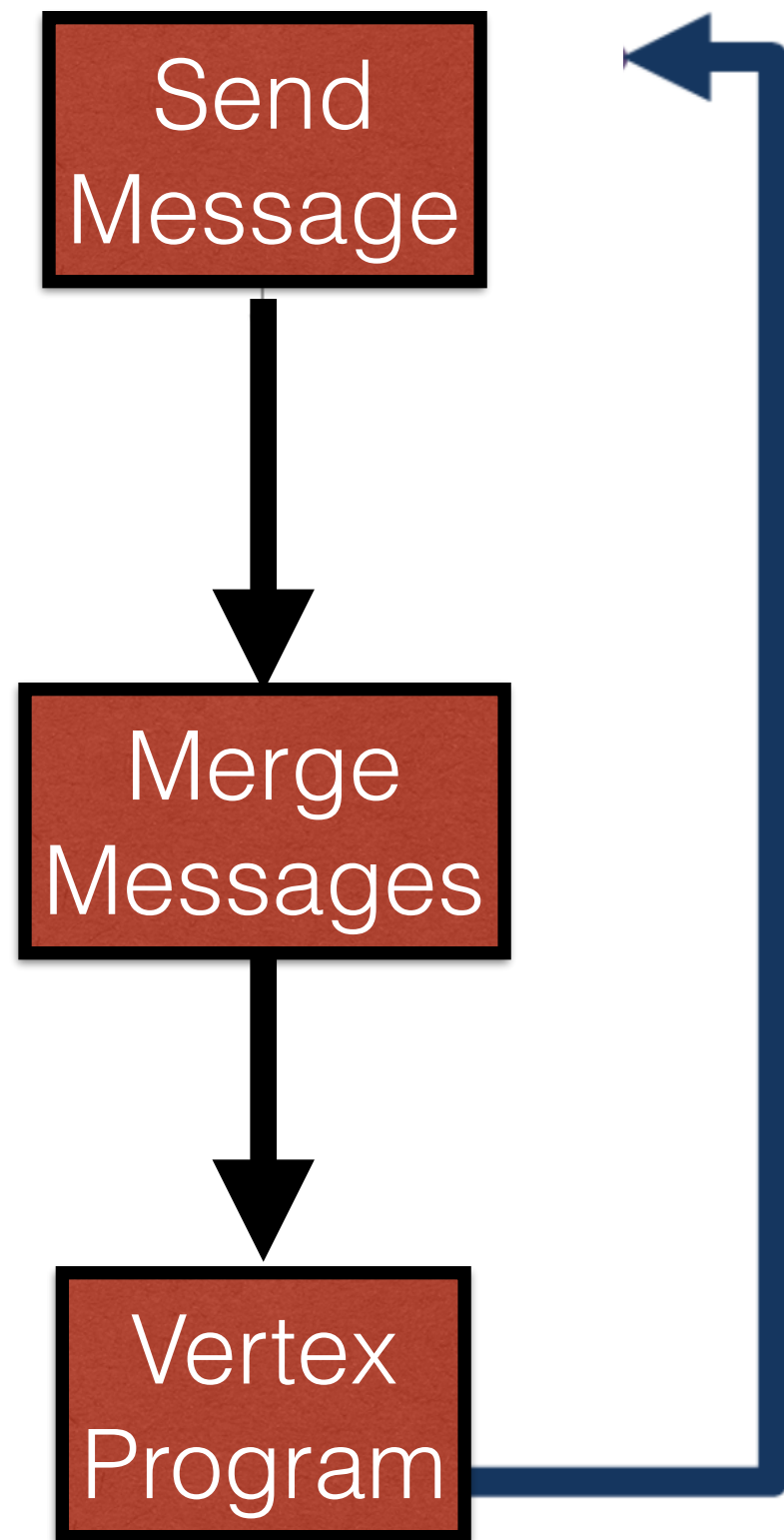


GraphX Pregel API



MapReduce for each vertex:

1. Send Messages (for each edge)
 - send msgs to neighbors
2. Merge Messages
 - merge msgs to same vertex
3. Vertex Program
 - process incoming msgs