



















Invocation

s vertices & edges on the machine that performs c
network transfers only for messages

duce

es the entire state of the graph from one stage to th
s to coordinate the steps of a chained MapReduce

putation Model

g a Pregel Program

m Implementation

periments

clusion & Future Work

Classing the predefined **Vertex** class

```
template <typename VertexValue,
         typename EdgeValue,
         typename MessageValue>
Vertex {
public:
    virtual void Compute(MessageIterator* msgs) = 0;

    string& vertex_id() const;

    int superstep() const;

    const VertexValue& GetValue();
    VertexValue* MutableValue();
    MessageIterator GetOutEdgeIterator();
```

Override this!

in msgs

out m