MPI Parallelized NLP

Pseudocode

```
comm, rank, size = <initialize MPI>

if rank is 0:
      file_descriptor = open("file.pdf")
      obj = <extract text>(file_descriptor)
      data = <split text>(obj)
      for i in 1 to size:
            comm.send(data[i], dest=i)

      result = vector()
      for i in 1 to size:
            result.push_back(comm.recv(source=i))

      result.sort(by = sentence_score)

      display(result[0:5])

for r in 1 to size:
      if rank == r:
            data = comm.recv(source=0)
            result = <NLP processing algorithm>(data)
            comm.send(result, dest=0)
```