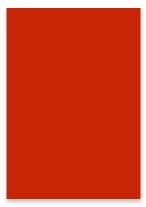


## Distributed Memory (Massage Passing Interface)

## Parallel Processing Architectures

## Distributed Memory (Map Reduce)

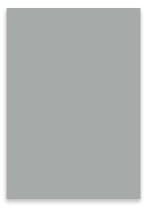














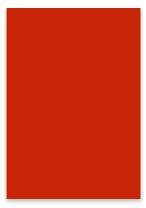










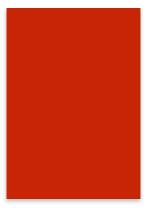




















## manually

Any Failure should be handled







Map: Getting a block of Data and

# Functions: Map and Reduce

### emitting a pair of Key-Value

Reduce: Reducing two pairs with the

### same key.

## Automatically

Any Data Failure and Service

# Discovery is Done Automatically

The Algorithm is Limited to Two

Data Transmissions are Handled

