

Locality 0



Memory

Locality 1



Memory

...

Locality i



Memory

...

Locality N-1



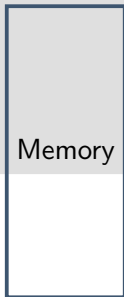
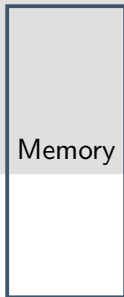
Memory

Locality 0

Locality 1

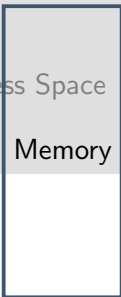
Locality i

Locality N-1

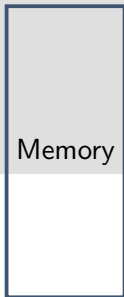


Global Address Space

.....



.....



Parcelport

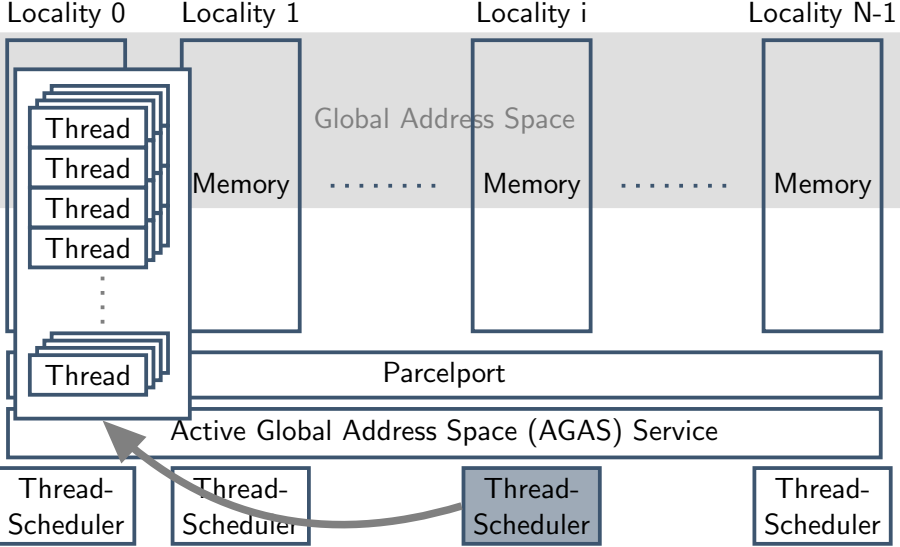
Active Global Address Space (AGAS) Service

Thread-  
Scheduler

Thread-  
Scheduler

Thread-  
Scheduler

Thread-  
Scheduler



Locality 0

Locality 1

Locality i

Locality N-1

Thread

Thread

Thread

Thread

...

Thread

```
future<id_type> id =  
    new_<Component>(locality, ...);
```

```
future<R> result =  
    async(id.get(), action, ...);
```

.....

Memory

Active Global Address Space (AGAS) Service

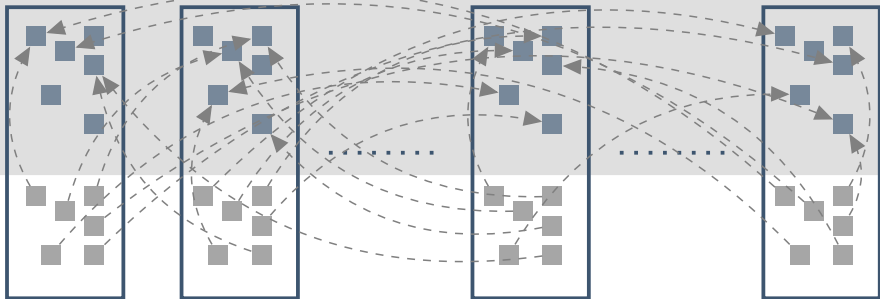
Thread-  
SchedulerThread-  
SchedulerThread-  
SchedulerThread-  
Scheduler

Locality 0

Locality 1

Locality i

Locality N-1



Parcelport

Active Global Address Space (AGAS) Service

Thread-  
Scheduler

Thread-  
Scheduler

Thread-  
Scheduler

Thread-  
Scheduler