| |
|---|
| + Subspac |
| + Stack: L |
| + File: List |
| + Exceptio |
| + Entries: |

## Capability
_(partially cut off on left)_

```
...ce: List<int>
...ist<int>
...<String>
...on
...List<String>
```

**1..n** ←→ **1**

## Endokernel

+ capabilities: Map<int, Capability>
+ endoprocesses: Map<int, Endoprocess>
+ instructionMap: Map<String, Capability>

---

trapEndoprocess(string, int): void
trap(string): void

**1** ←→ **1..n**

## Endoprocess

+ id: int
+ memorySpace: List<int>
+ instructions: String

---

exec(string): void

**1..n** (self-association)

**1**  ↕  **1**

**1..n** ◆ **1**

## Process

+ pid : int
+ memorySpace: List<int>
+ instructions: String

---

exec(string): void
entryProcess(endokernel): void

**1..n**  ↕  **1**

## Kernel

+ memorySpace: List<int>

---

exec(string)

**Thread**

| |
|---|
| + tid: int |
| + PC: int |
| + SP: int |
| + instructions: String |
| |
| exec(string): void |

**1..n**

**1**

**n**