

**client process**

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**Client obtains  
service by  
sending  
messages to  
server process**

**device drivers**

**file server**

**process server**

**virtual memory**

**Microkernel**

```
graph TD; subgraph UserSpace; direction TB; C[client process]; S1[device drivers]; S2[file server]; S3[process server]; S4[virtual memory]; end; subgraph Microkernel; direction TB; M[Microkernel]; end; C -- "sends messages" --> S1; C -- "sends messages" --> S2; C -- "sends messages" --> S3; C -- "sends messages" --> S4; M --- S1; M --- S2; M --- S3; M --- S4;
```