**Synchronous Inter Process Communication**

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| --- | --- |
| Network Monitor | Interface Monitor |
| while(is\_running){  select(…);  if(FD\_ISSET(…) {//Connection request  …  } else {//Data arriving from a client  …//Find which client sent the data  if(strcmp(buf, “Ready”) ==0){  …  } else if(strcmp(buf, “Monitoring”)==0){  …  } else if(strcmp(buf, “Link Down”)==0){  …  } else if(strcmp(buf, “Link Up”)==0){  …  } else if(strcmp(buf, “Done”)==0){  …  }  }  } | while(is\_running){  read(…);  if(strcmp(buf, “Monitor”)==0){  …// infinite  } else if(strcmp(buf, “Set Link Up”)==0) {  …  } else if(strcmp(buf, “Shut Down”)==0) {  …  }  } |