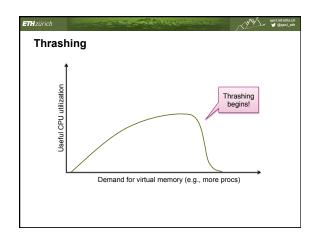
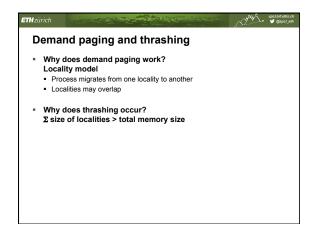
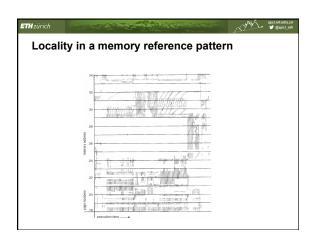
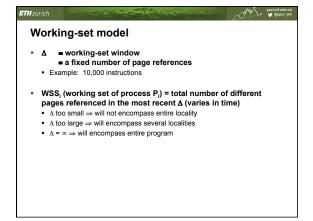


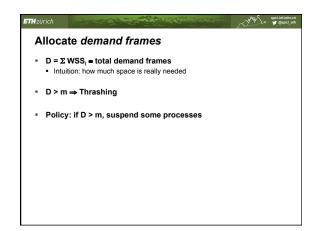
Thrashing If a process does not have "enough" pages, the page-fault rate is very high. This leads to: Iow CPU utilization operating system thinks that it needs to increase the degree of multiprogramming another process added to the system Thrashing ■ a process is busy swapping pages in and out

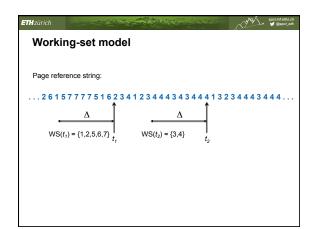


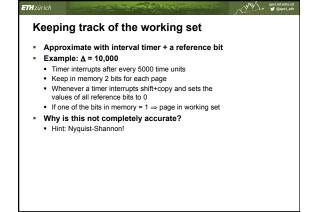


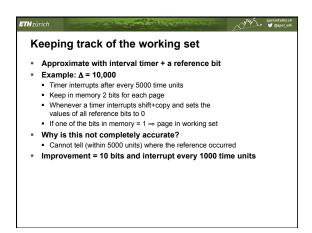


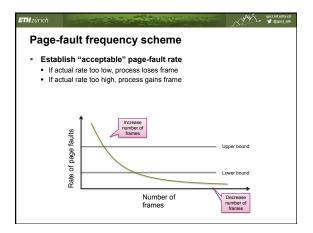


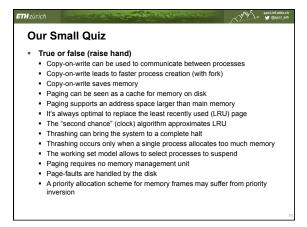




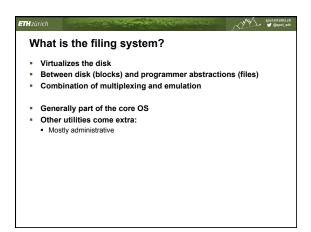


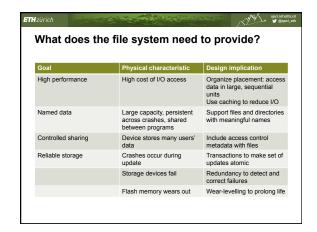


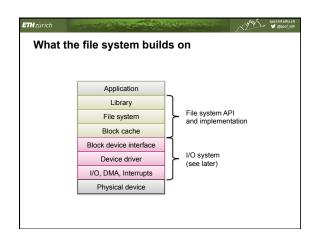


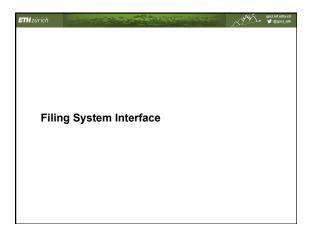


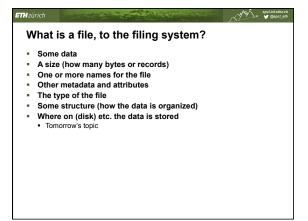


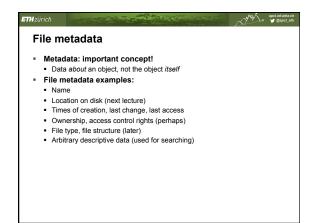




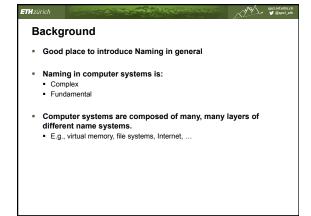


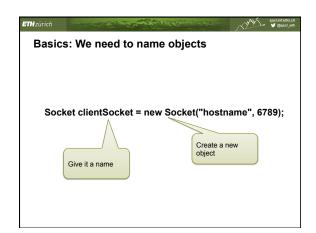


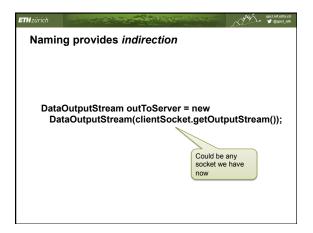


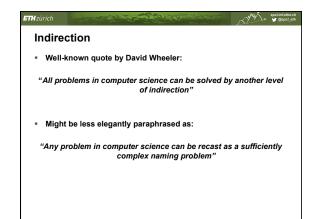


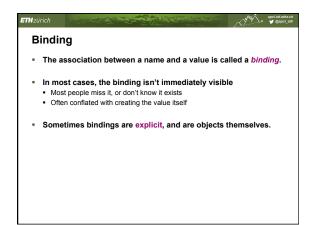


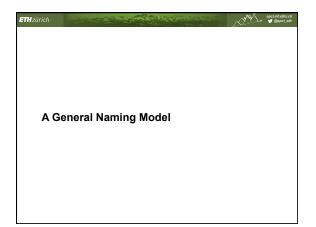


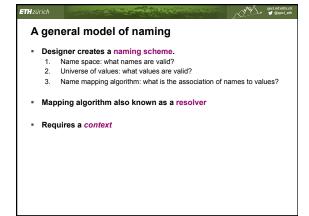


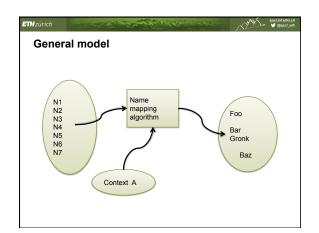


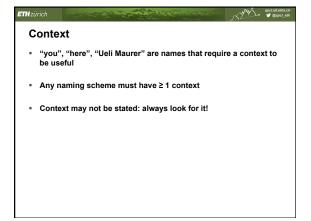


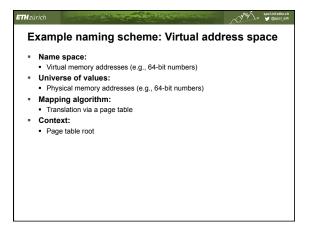


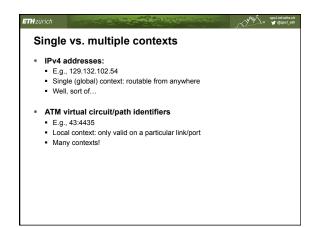


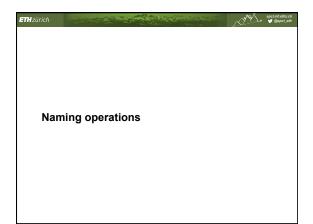




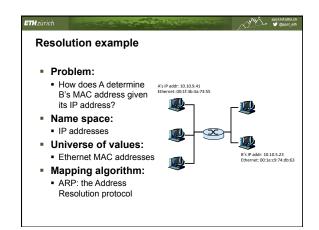


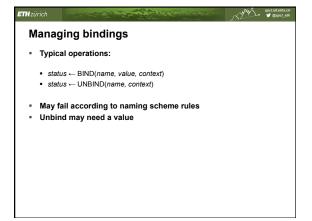


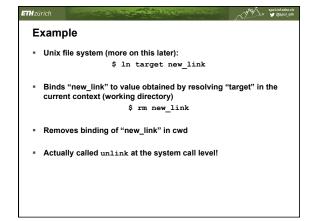


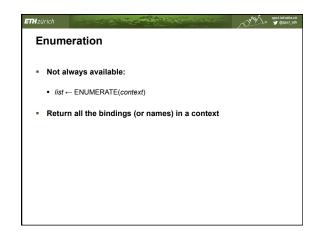


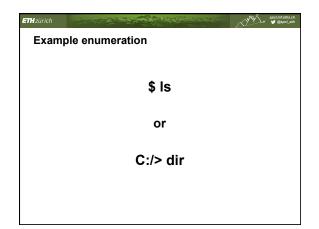


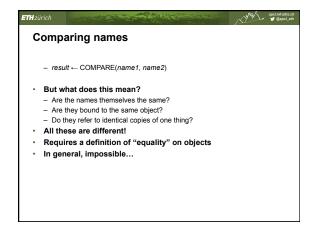


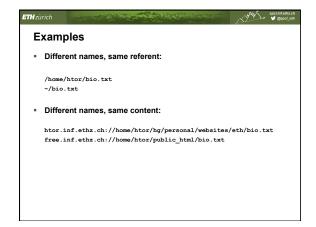


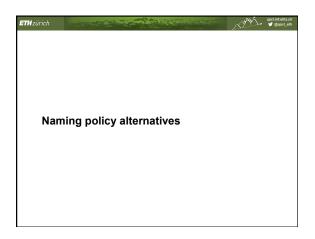


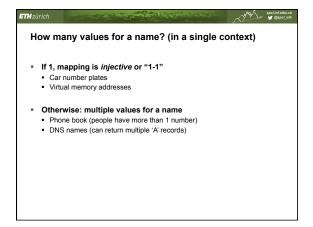


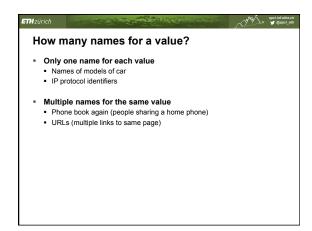


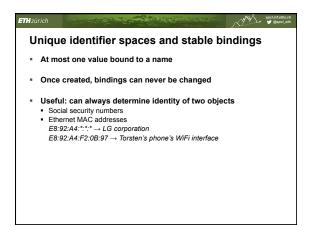


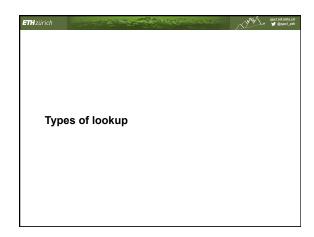


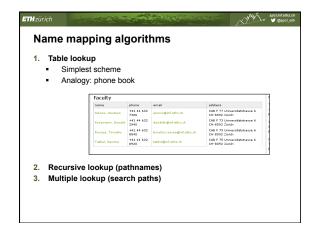


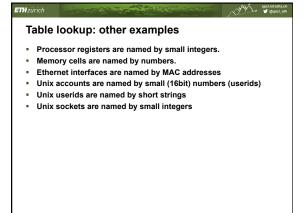


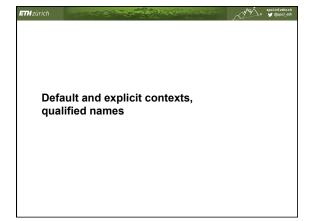


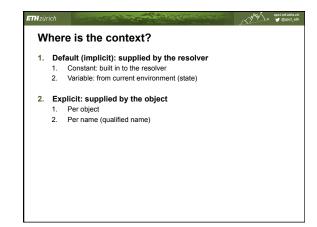


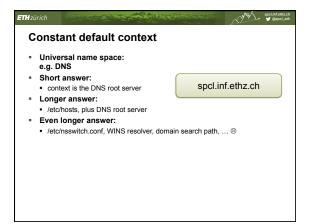














```
Explicit per-object context

Note: context reference is a name!
Sometimes called a base name
Examples:

$ ssh -1 htor spcl.inf.ethz.ch
dig @8.8.8.8 -q a spcl.inf.ethz.ch
dig @google-public-dns-a.google.com -q a spcl
```

```
Explicit per-name context

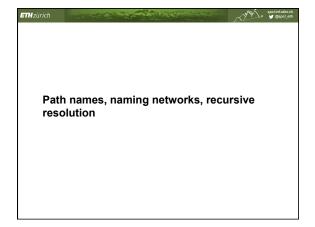
Each name comes with its context

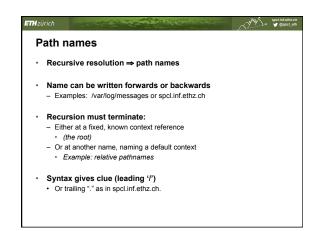
Actually, the name of the context

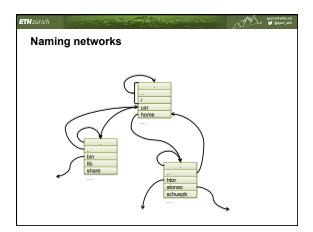
(context,name) = qualified name

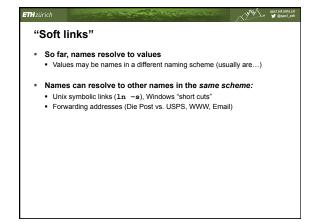
Recursive resolution process:
Resolve context to a context object
Resolve name relative to resulting context

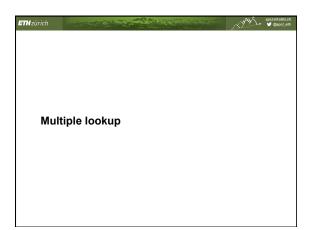
Examples:
htor@inf.ethz.ch
/var/log/syslog
```

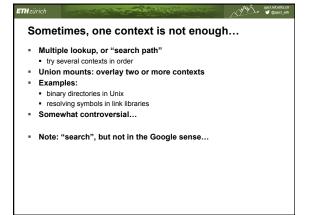
















How to find a name in the first place? Many options: Well-known. Broadcast the name. Query (google/bing search) Broadcast the query. Resolve some other name to a name space Introduction Physical rendezvous Often reduces to another name lookup...

