

kdbus

IPC for the modern world

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github.com/gregkh/presentation-kdbus

THE **LINUX** PROGRAMMING INTERFACE

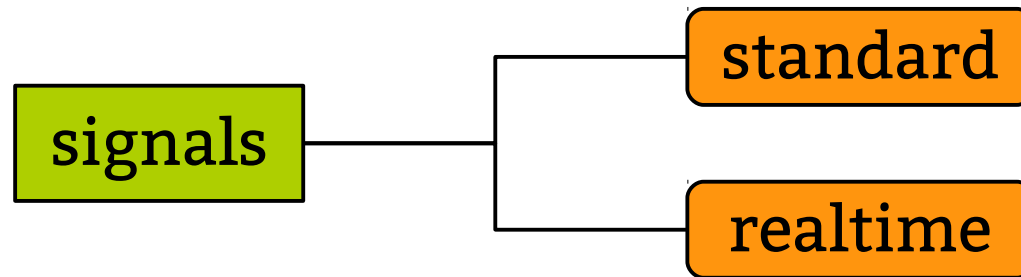
A Linux and UNIX® System Programming Handbook

MICHAEL KERRISK



Interprocess Communication

- signal
- synchronization
- communication



synchronization

```
graph LR; A[synchronization] --- B[semaphore]; A --- C[file lock]; A --- D[mutex threads]; A --- E[condition variables threads]; B --- F[POSIX semaphore]; B --- G[System V semaphore]; F --- H[named]; F --- I[unnamed]; C --- J["record lock"]; C --- K[file lock]
```

semaphore

POSIX semaphore

named

unnamed

System V semaphore

file lock

“record” lock

file lock

mutex (threads)

condition variables (threads)

Interprocess Communication

- Foo
- Foof
- foo