

# MobileFS: Mobile SSHFS done right

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- ▶ Userspace program on the client side (FUSE based)

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- ▶ Filesystem operations can freeze system (demo)

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- ▶ Prioritize “short” system calls to reduce latency

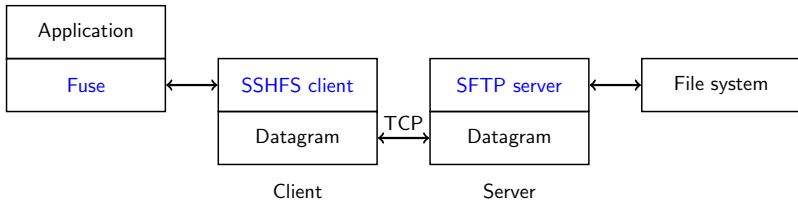
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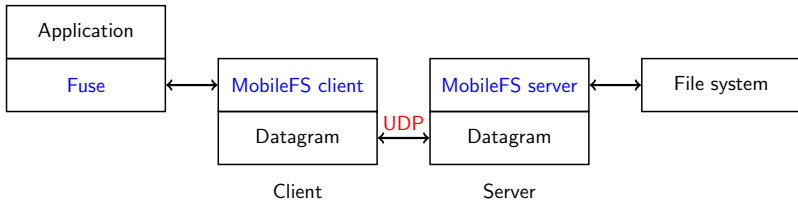
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- ▶ Prioritize “short” system calls to reduce latency
- ▶ Expose status of pending system calls to the user

# SSHFS versus MobileFS



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# Demo: MobileFS vs SSHFS

- ▶ Latency of short requests
- ▶ User interface
- ▶ Network failure recovery

# What's next?

- ▶ Better congestion control
- ▶ Better security
- ▶ Suggestions ?