

# Load balancing

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Collabora  
Online



Technical Day  
COOL  
days



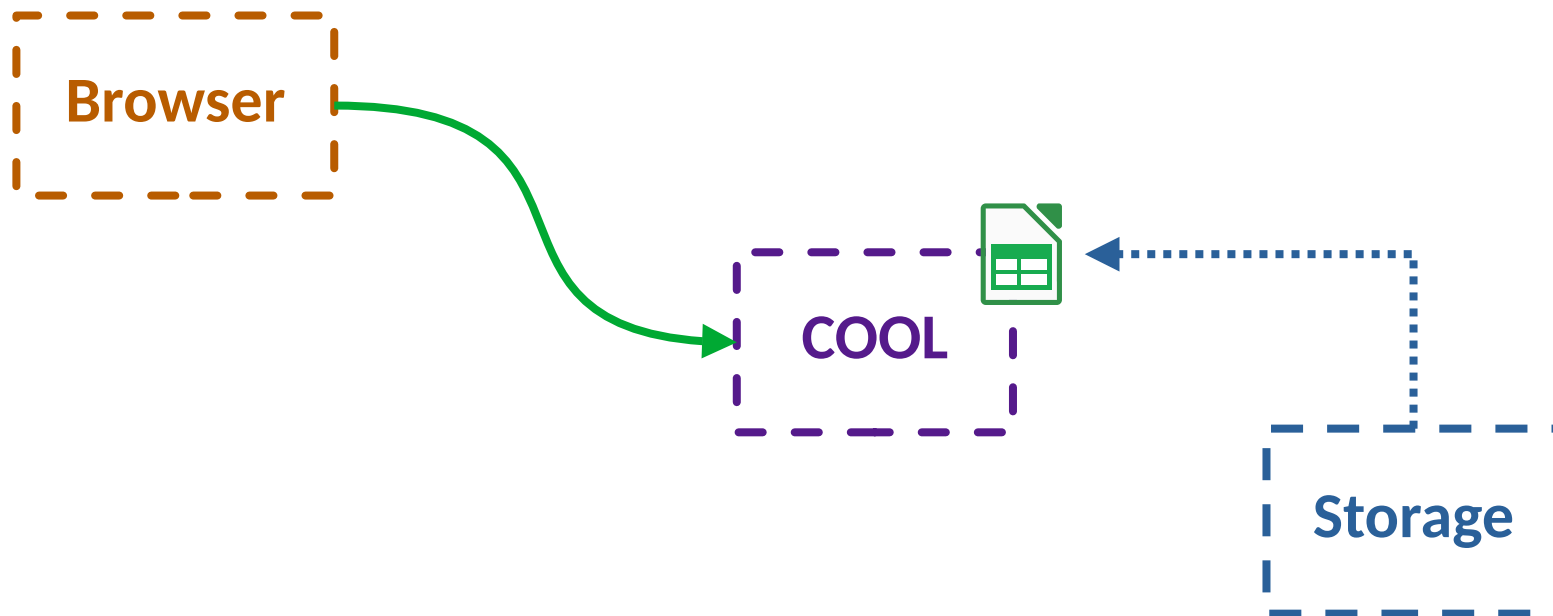


# Load balancing

- Load balancing – why? how does it work?
- Which features depend on the load balancing?
- Example problems we've noticed

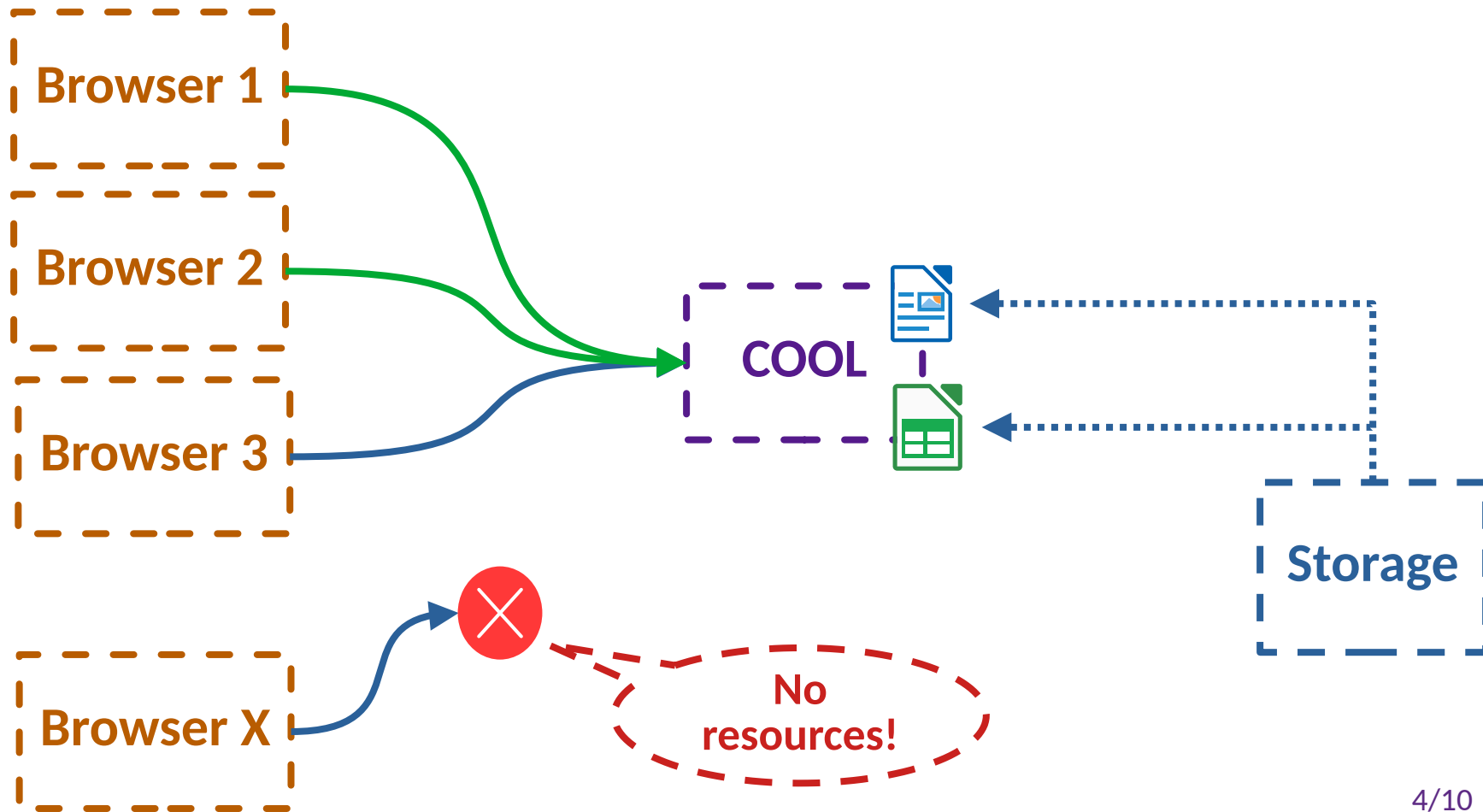


# Not many users – no problem!





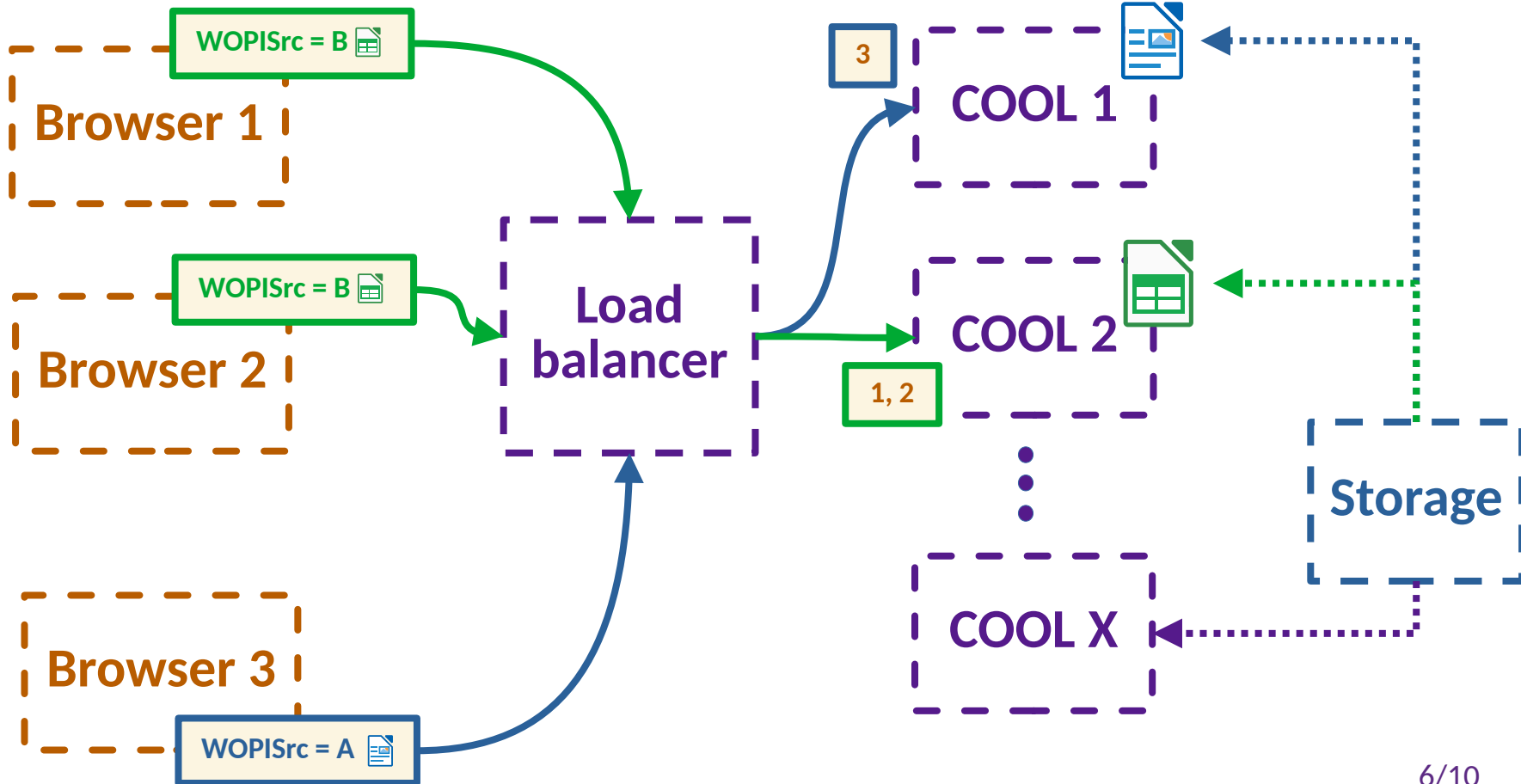
# Too much traffic...



**I need a load balancer!**

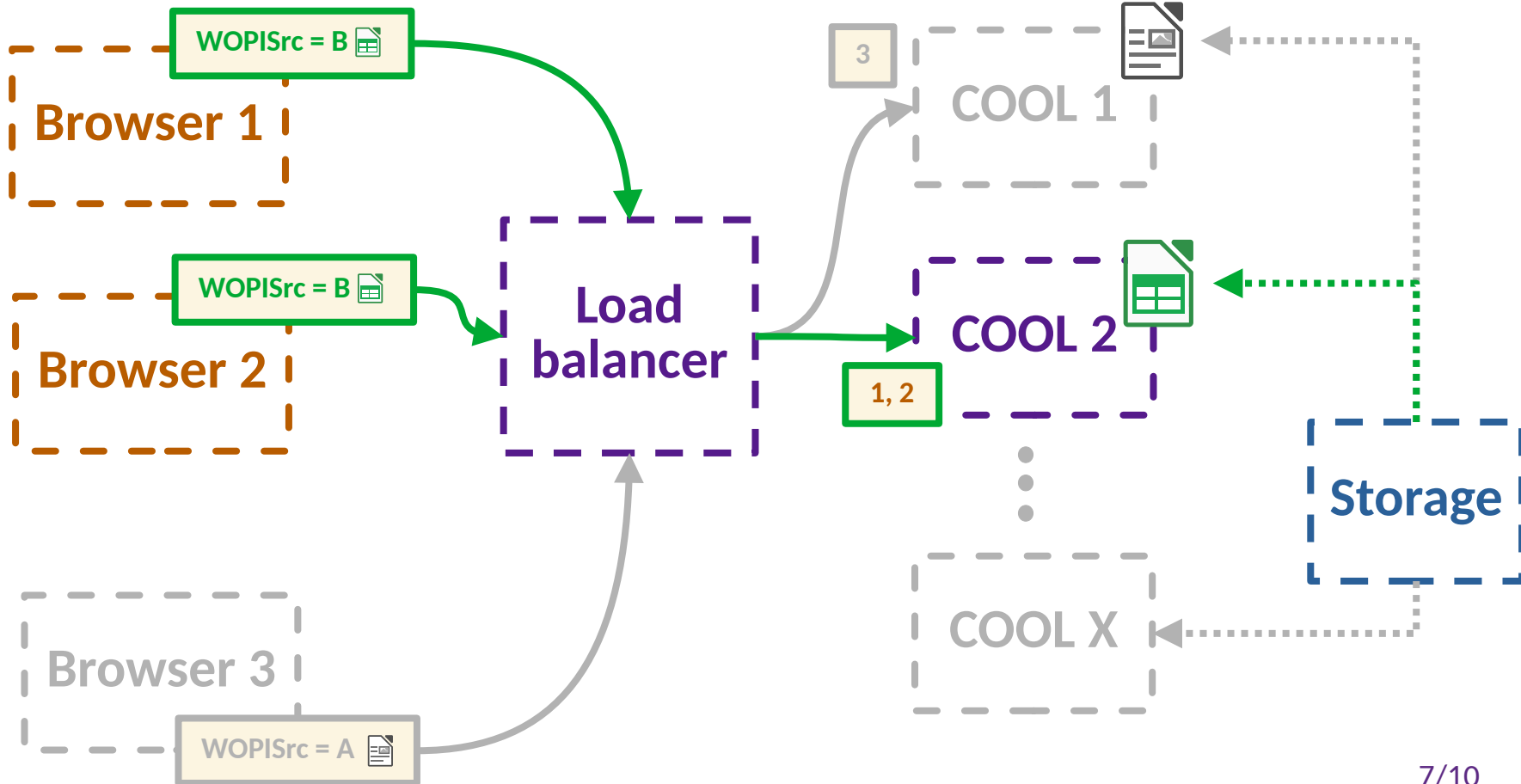


# Load balancing - how does it work?



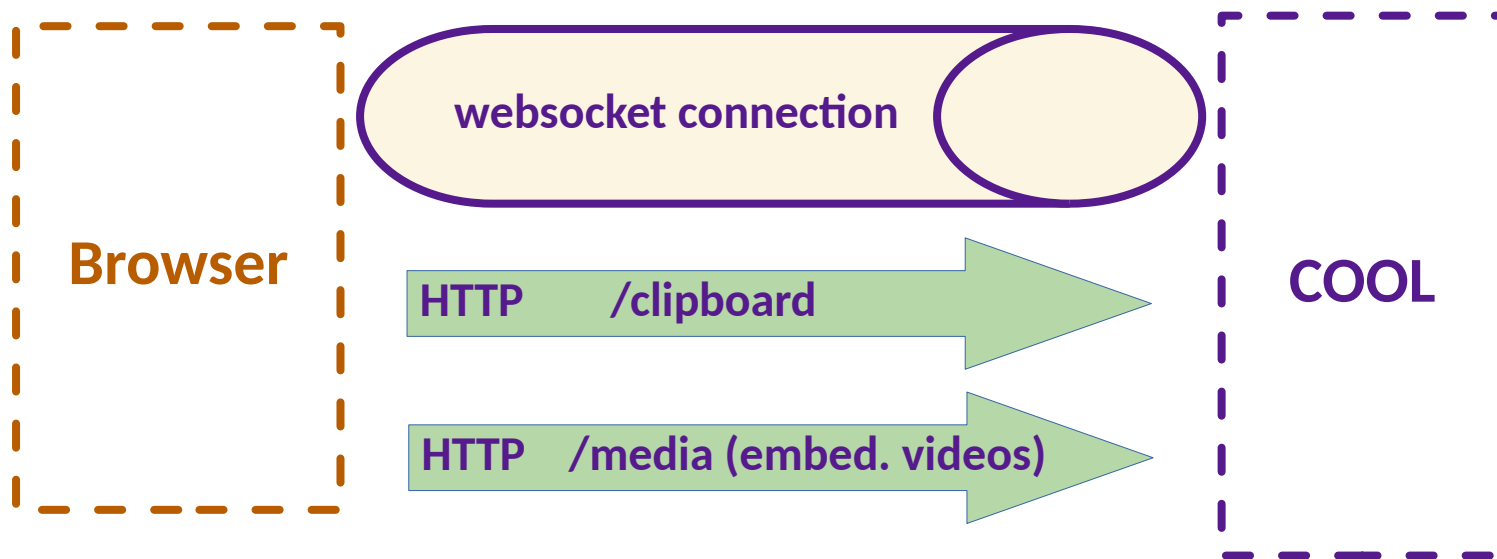


# Load balancing - how does it work?





# Which features depend on load balancing?



All HTTP requests and also the operations which try to open file from the WOPI storage:

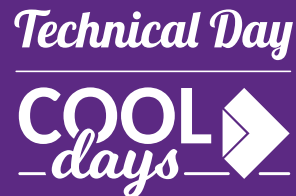
- Save as
- Rename
- Reconnect (after user lost connection)





# Example problems we found:

- integration not using **encoded WOPISrc** to open file
- duplicated “/” in the URL in some cases  
(**different WOPISrc for the same file**)
- **WOPISrc encoded two times** on rename



# Thank you!

*By Szymon Kłos*



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