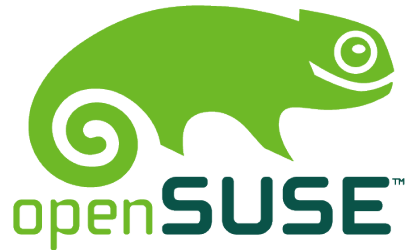


# download.openSUSE.org

a solution to the “mirror challenge”?

Christoph Thiel

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# download.openSUSE.org

- generic download redirector
- purpose of d.o.o
  - dynamically select the perfect mirror for the end-user
  - distribute download requests among existing mirrors
  - compensate for the mirror sync delay / inconsistency
- how does it work?
  - based on mod\_rewrite + small php script
  - has a local cache to track mirror status
  - uses GeoIP (map IP to country / region)
  - redirects to a default fall-back mirror in case of trouble

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