



debuginfod status

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what is it again?

- debuginfo is frequently stripped away from distro/deployed binaries
- this makes debugging difficult
- debuginfod serves that content across http to debuggers & similar tools
- part of elfutils 0.178+ (2019)



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client support?

- gdb, systemtap, perf, elfutils, binutils, dyninst, and more
- clients extract unique build-id, pass to server, get back dwarf/binary/source code
- `export DEBUGINFOD_URLS=https://...`
- that's all!



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server support?

- trivial to run your own
- sic it at build directories, RPMs, DEBs, ZIPs, etc.
- it indexes by build-id and serves content to http
- monitor via prometheus metrics
- can federate to other servers!



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any public servers?

- we operate one <https://debuginfod.elfutils.org/>
- carrying some fedora, centos, debian, ubuntu content
- opensuse operates one
- we hope all linux distros, ISVs run one



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demo time!



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for more information

- <https://sourceware.org/elfutils/Debuginfod.html>
- [#elfutils](#) on [irc.freenode.net](#)