

## ld.so in the 2020's

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Since dynamic libraries have become universal, the runtime linker loader has been a critical but often times overlooked component of the OS. The general design and many implementation details were solidified back in the 1990's and addressed issues that were facing OS designers and software developers back then. The computing environment is quite different in the second decade of the 21st century and the demands on the runtime linker loader are now quite different. This talk uses case studies drawn from nearly 20 years of experience working at Red Hat supporting the HPC community to illustrate some of the current challenges facing this often times overlooked but critical piece of technology.

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