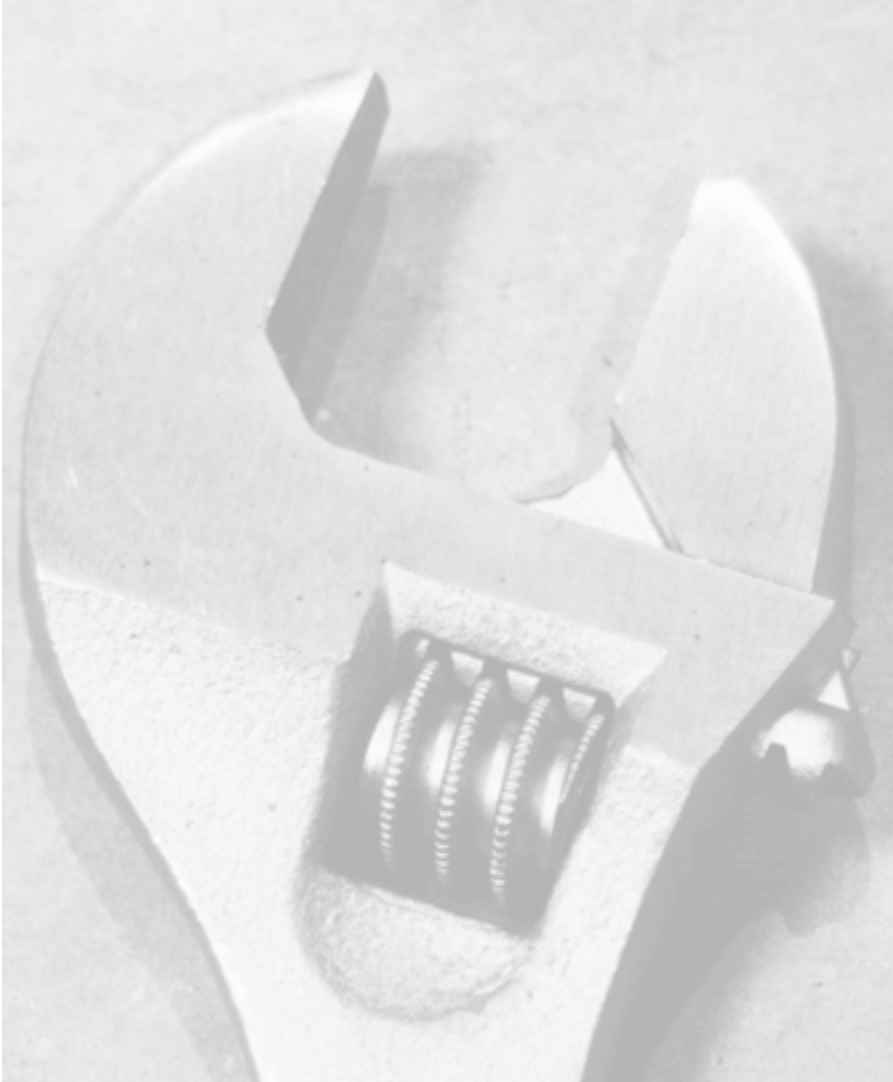


Packaging Spark for Fedora

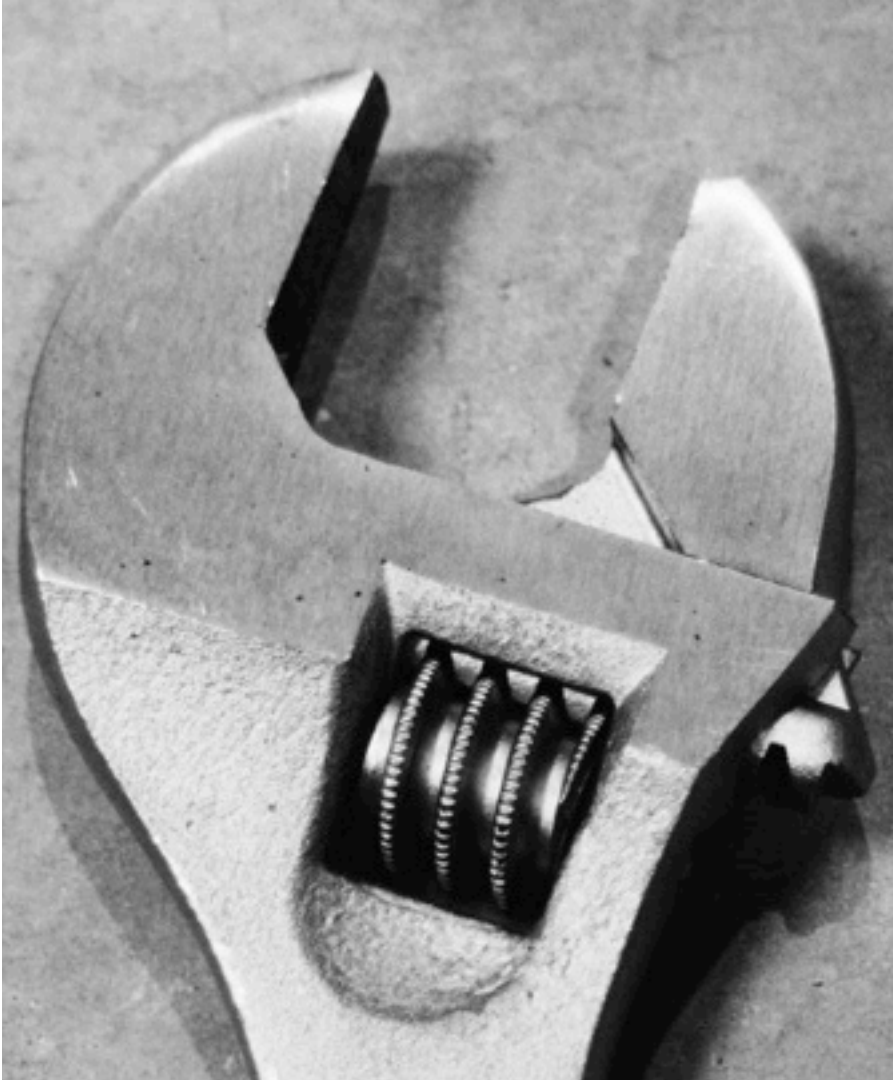
William C. Benton
Senior Software Engineer
Red Hat, Inc.

Motivation

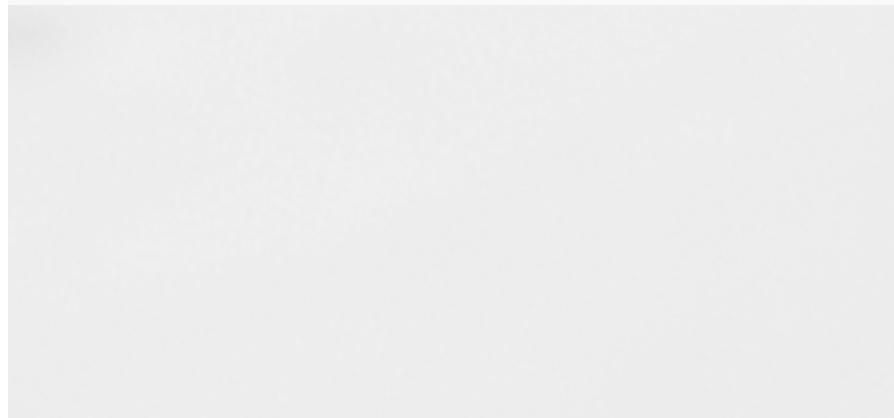


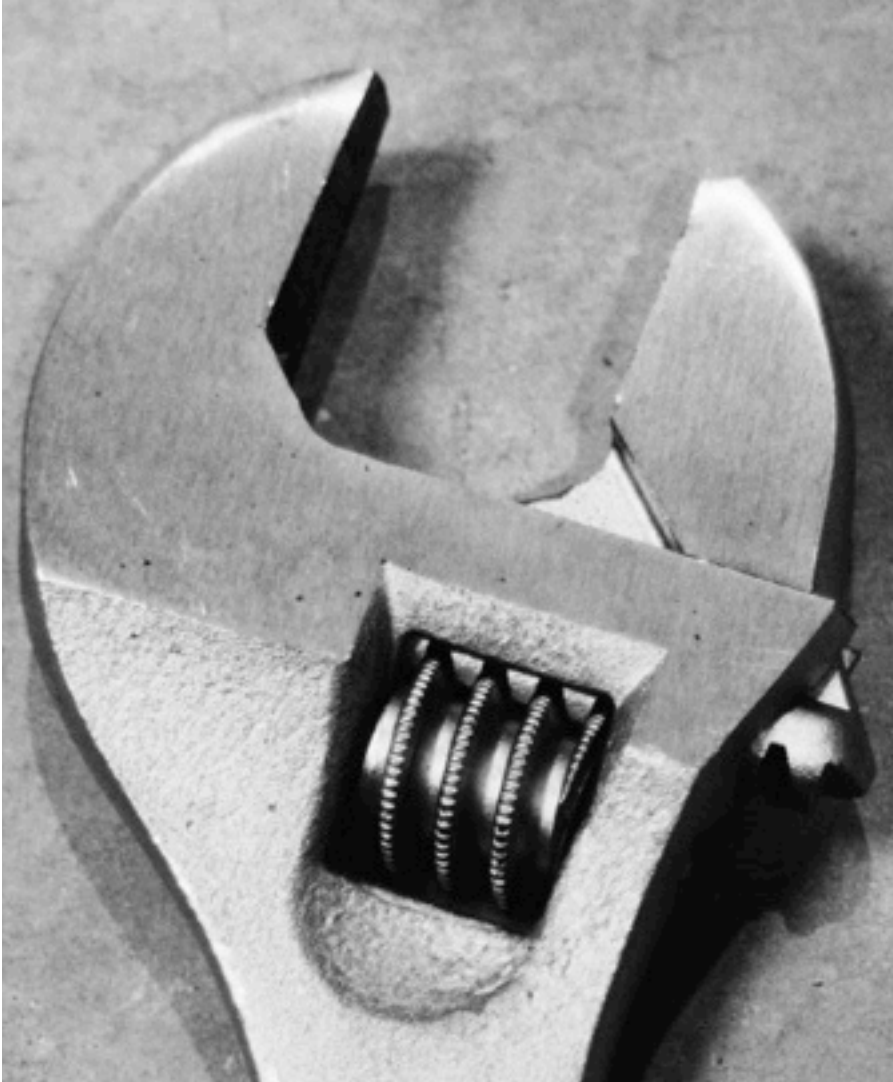
Users



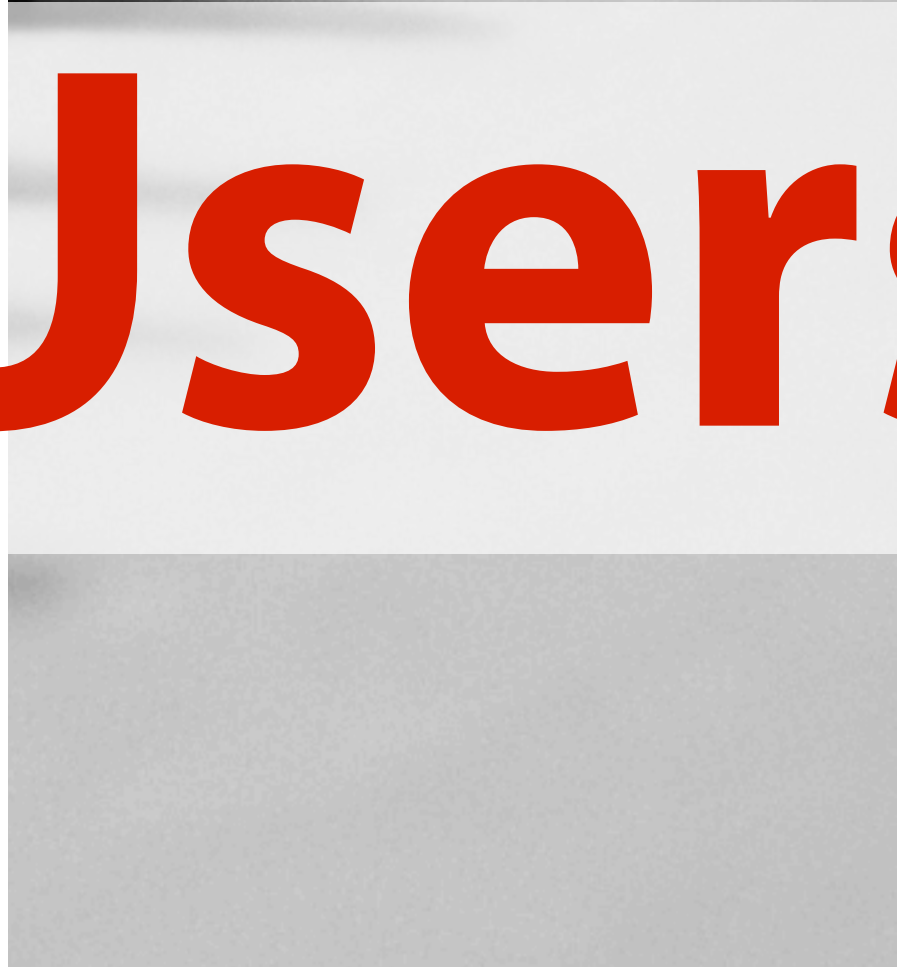


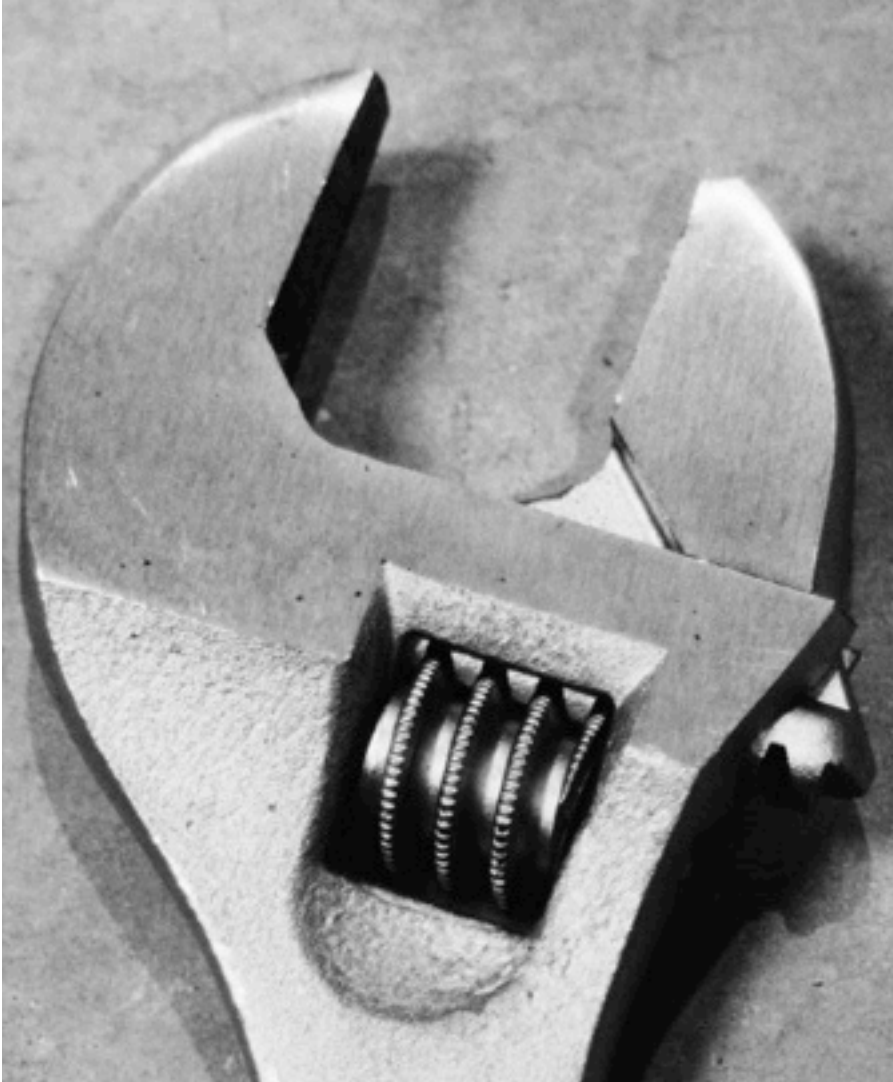
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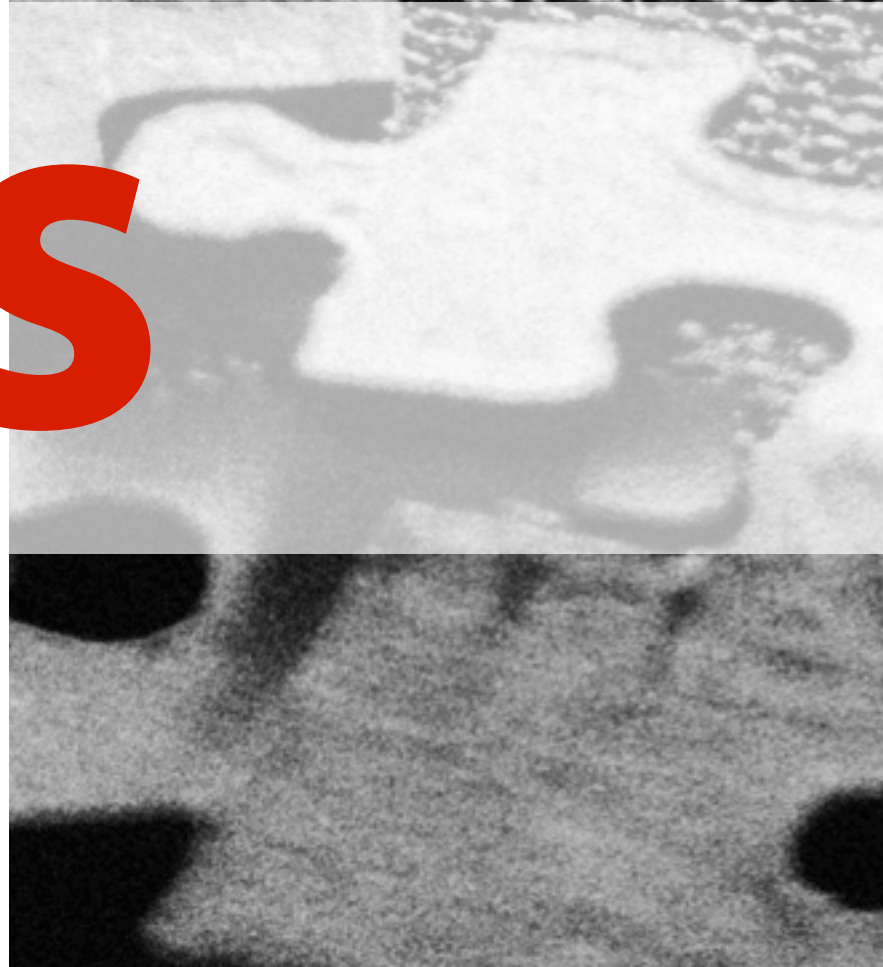
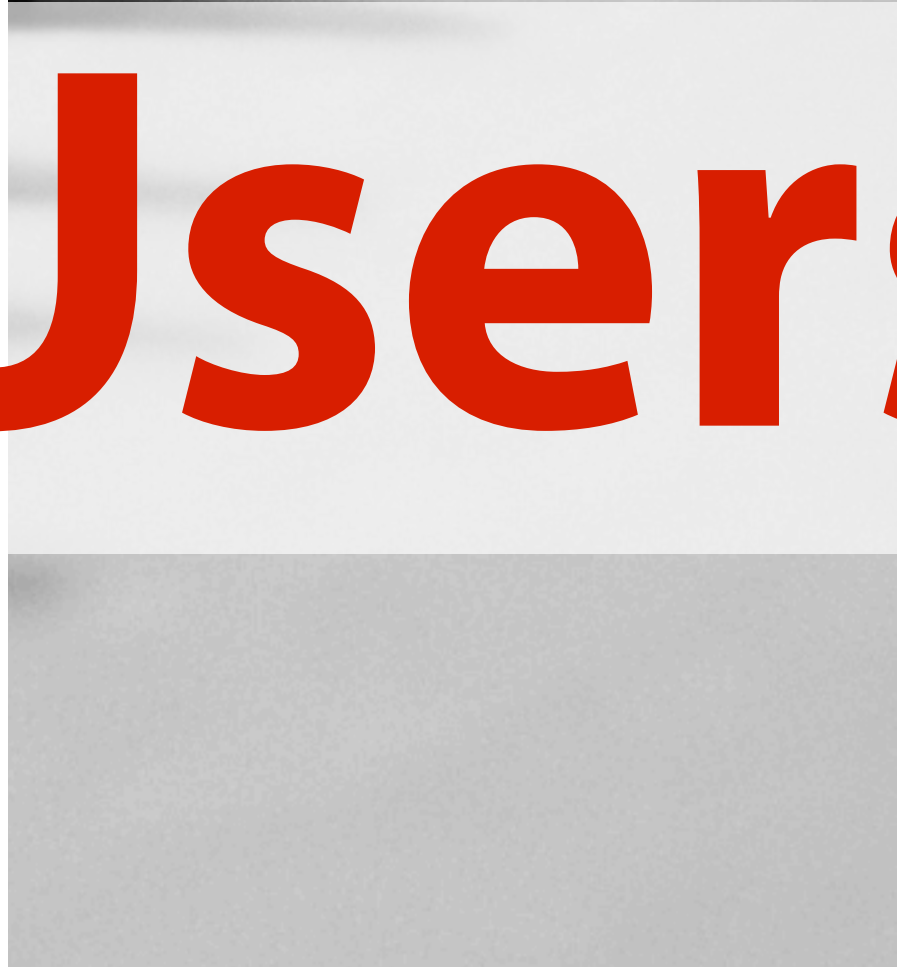


Users





Users





Developers



Developers





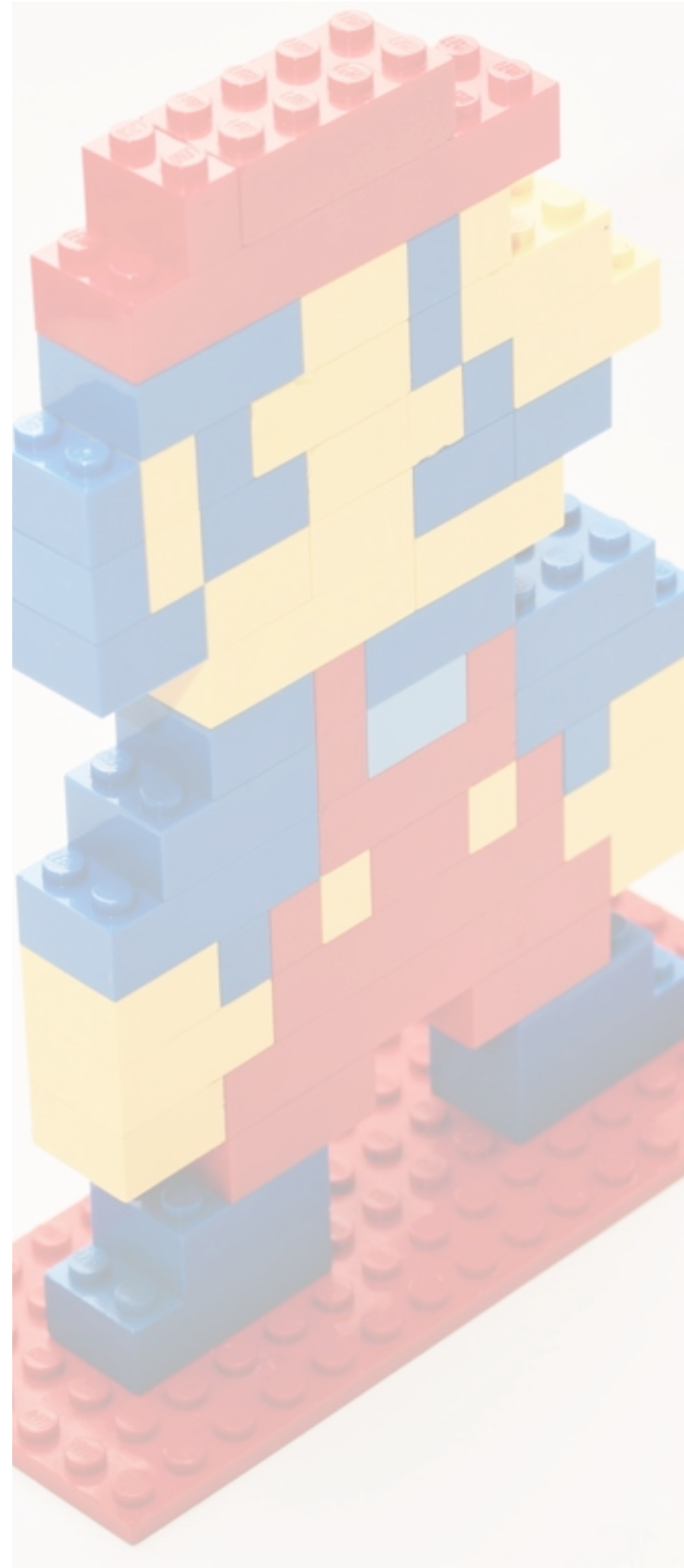
Developers

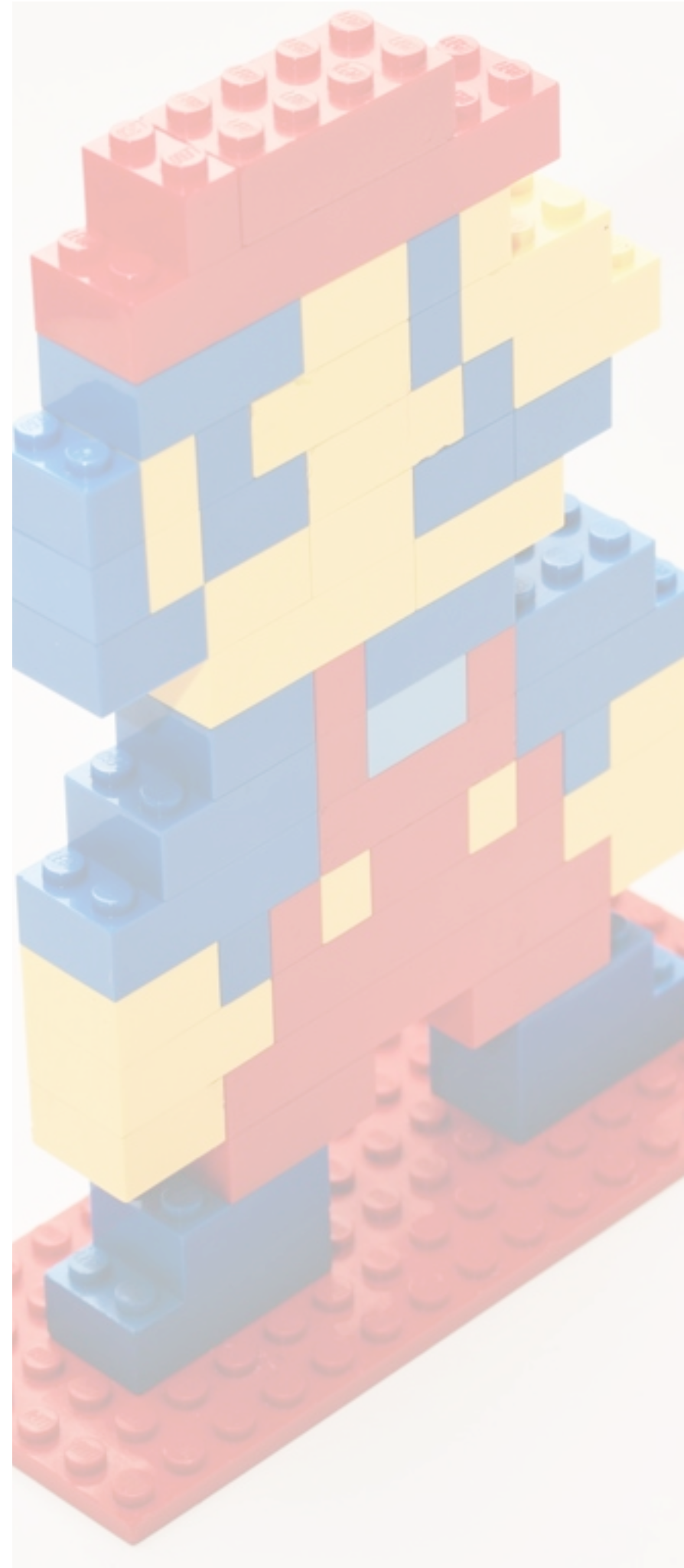


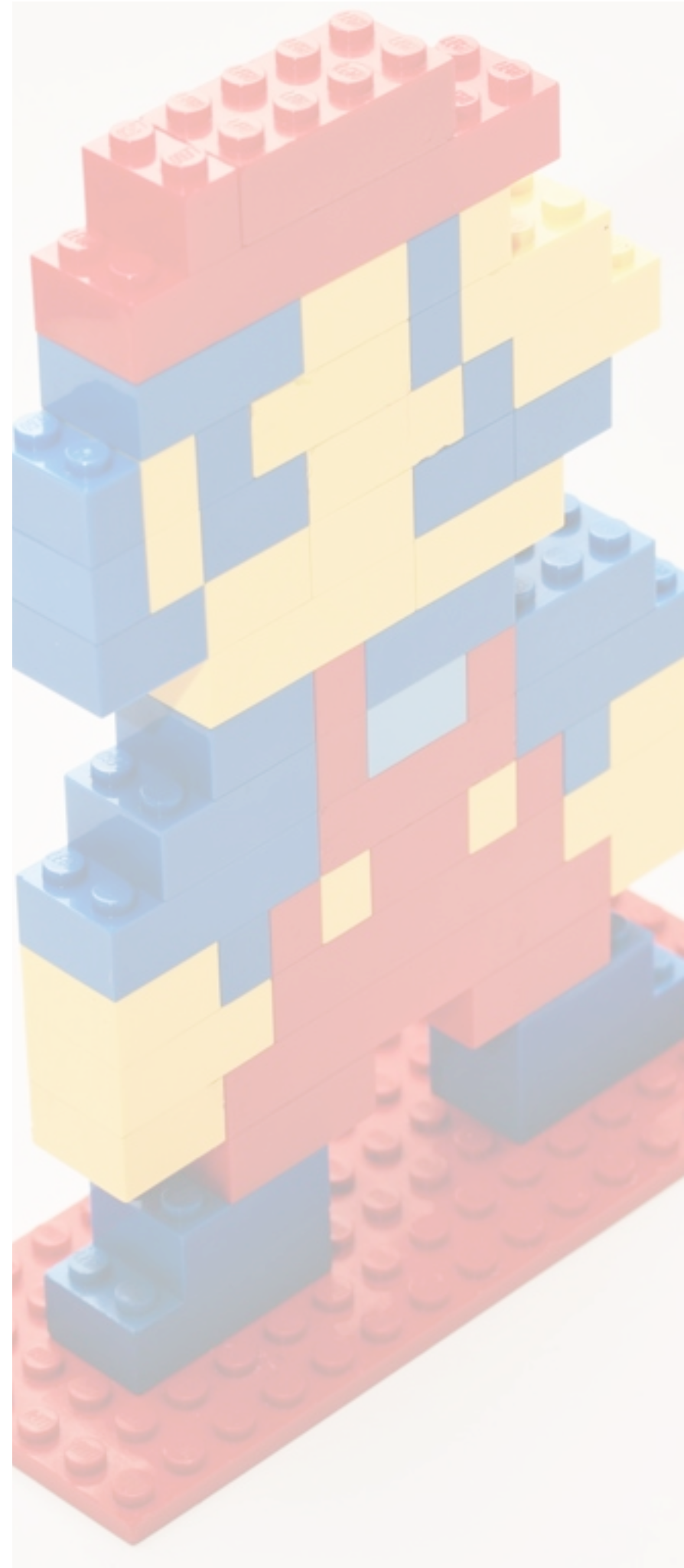
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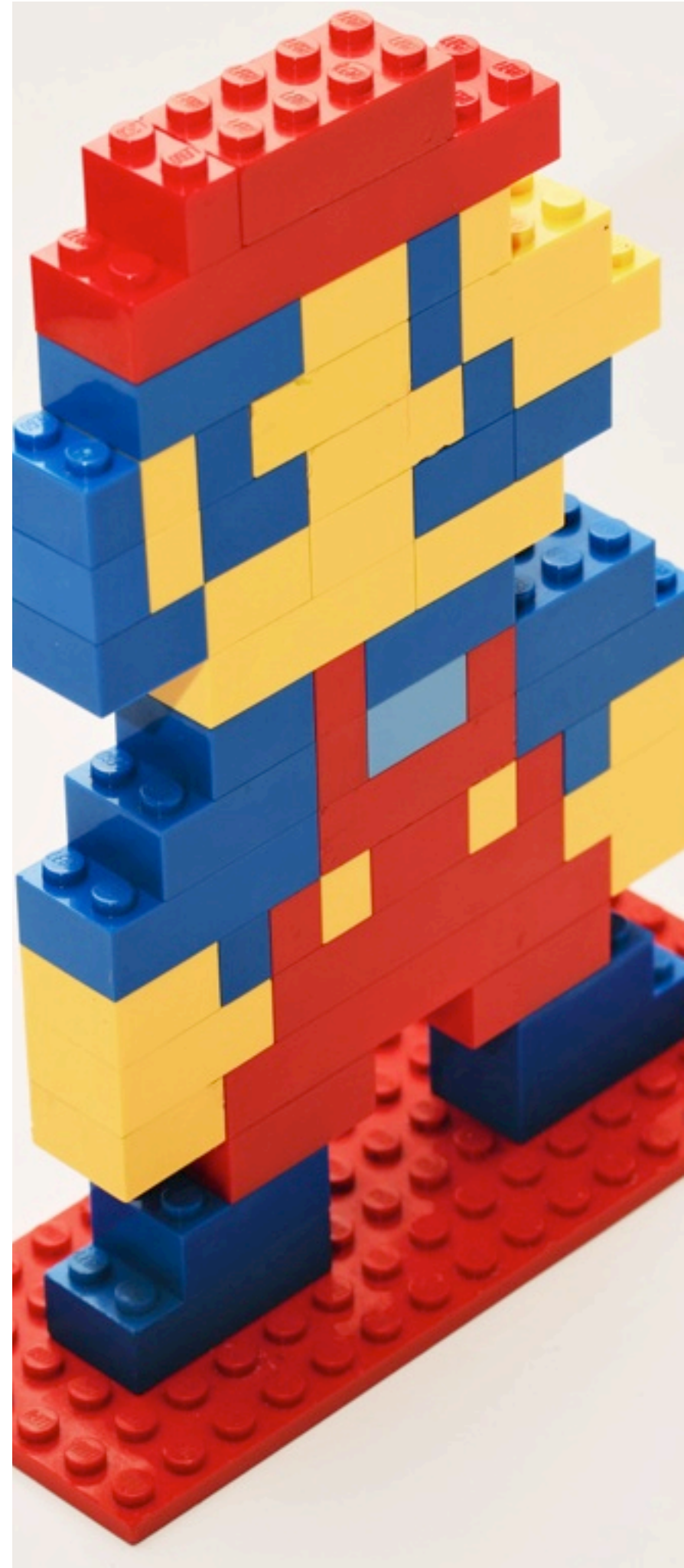
Challenges

**Software in
the early '00s**









But...

***Build everything
from source***

***Self-hosting
is a must***

*Only one version
per library*

**...and that's
not all!**

Progress

Ecosystem & Infrastructure

**Hadoop 2
is in Fedora 20**

Tachyon
is in Fedora 20

Scala 2.10.3
is in Fedora 20

Mesos
is under review

**sbt is bootstrapped
(under review soon!)**

Spark proper

**Spark builds
against our sbt**

**Akka and Lift
need sbt**

Get involved!

**Test and use
our packages**

**Consider your
downstreams**

**Point us to your
Spark apps**

**#fedora-
bigdata**

Thanks!

willb@redhat.com

<https://fedoraproject.org/wiki/SIGs/bigdata>