Software Heritage
THE GREAT LIBRARY OF SOURCE CODE

Services that Software Heritage offers today

Software Heritage will provide solid, common foundations to serve the different needs of heritage preservation, science, and industry.

Browse

A uniform interface let you explore the source code, with all its version history, no matter where it comes from.

SWHID provider & resolver

SWHID persistent identifiers designed for source code let you identify over 30 billion artifacts, independently of their origin.

Download

The source code of all archived repositories can be downloaded, with or without its version history.

Save Code Now

You can trigger archival of any existing repository in real time, to ensure it is not lost.

Deposit

Qualified partners deposit source code in the archive with curated metadata.

Add Forge Now

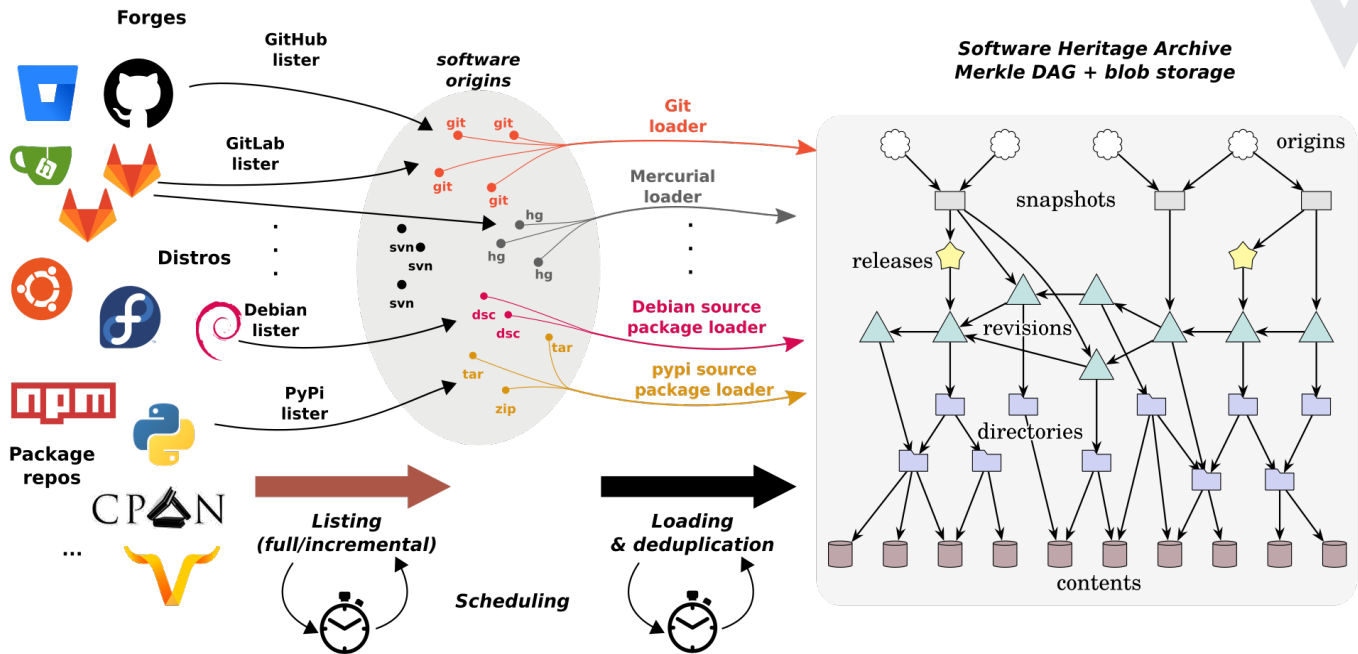One can request to add a whole forge to the regular harvesting process.

**Want to find out what's next?
The technical roadmap is online!**
https://docs.softwareheritage.org/devel/roadmap/

Behind the scenes, a giant graph

A massive crawler **harvests** source code from different sources and converts it, **with all its development history**, into a giant Merkle-directed acyclic graph that contains over **30 billion nodes and 350 billion edges**.

http://archive.softwareheritage.org/

Software Heritage Listers

A lister is a software component used for discovering all software projects available on a code hosting or distribution platform.

Software Heritage Loaders

A loader is a software component used to ingest a software artifact into the Software Heritage archive, performing the appropriate conversion into the Merkle graph.

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Support the mission