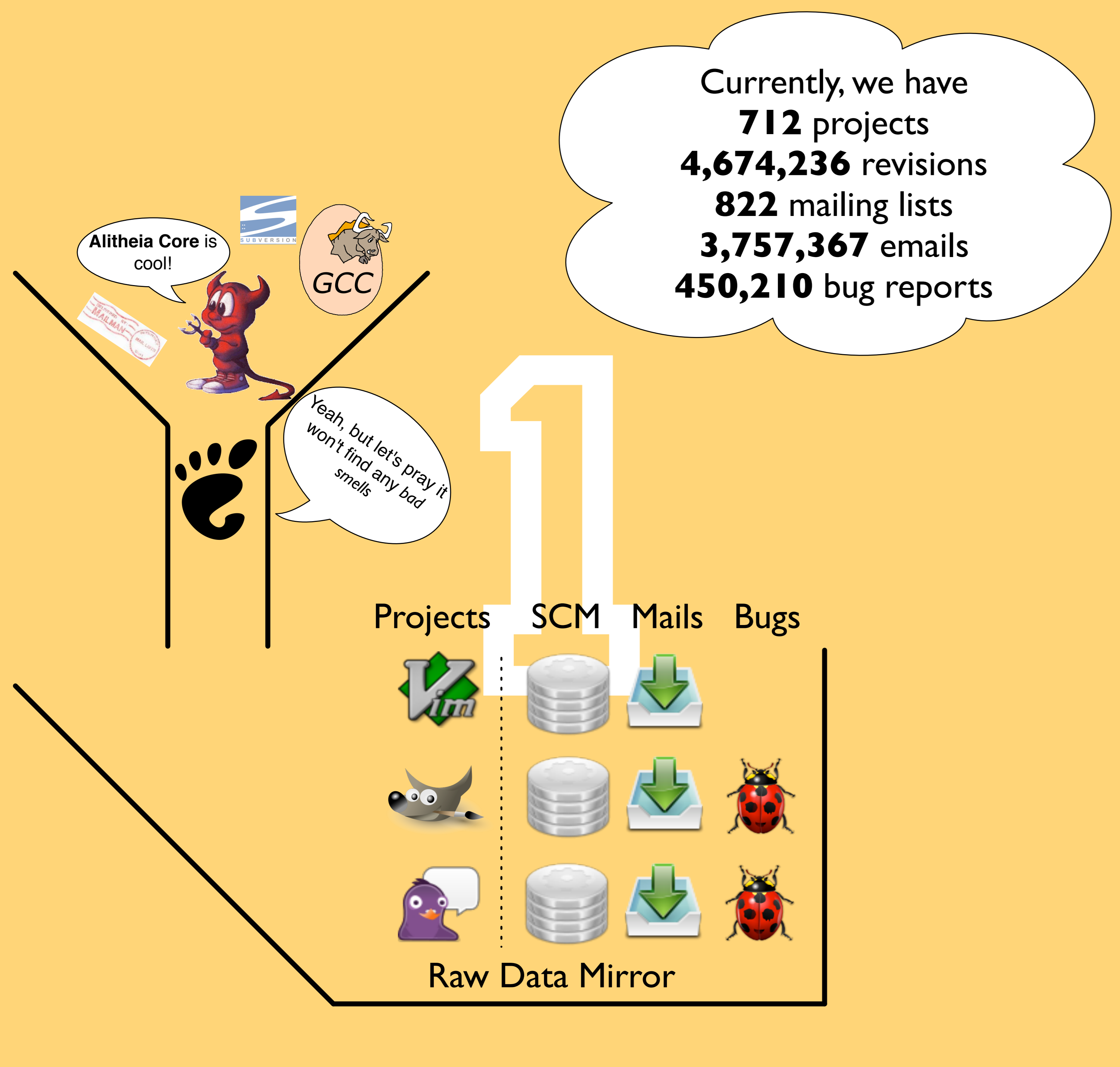


Import the data

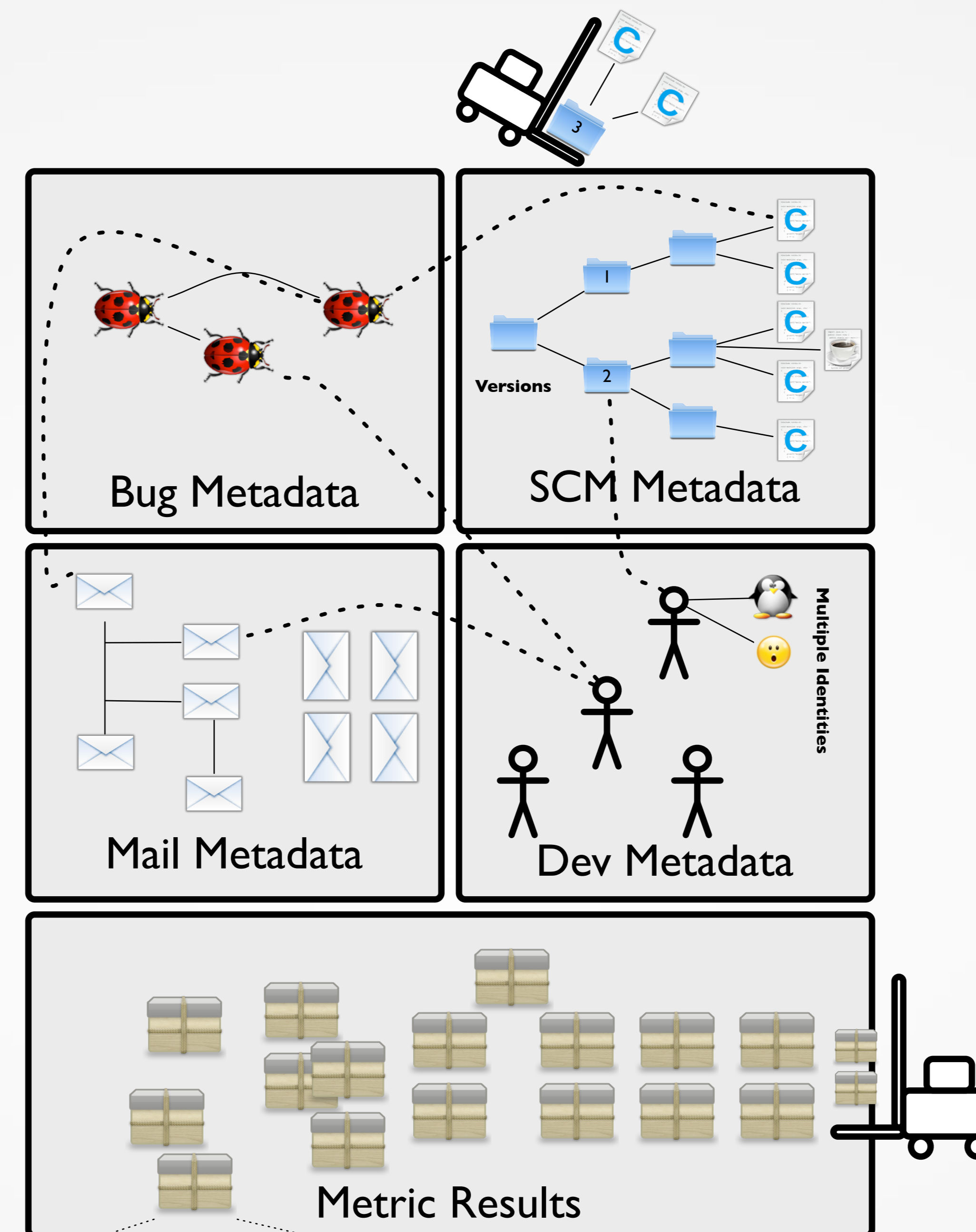


Alitheia Core

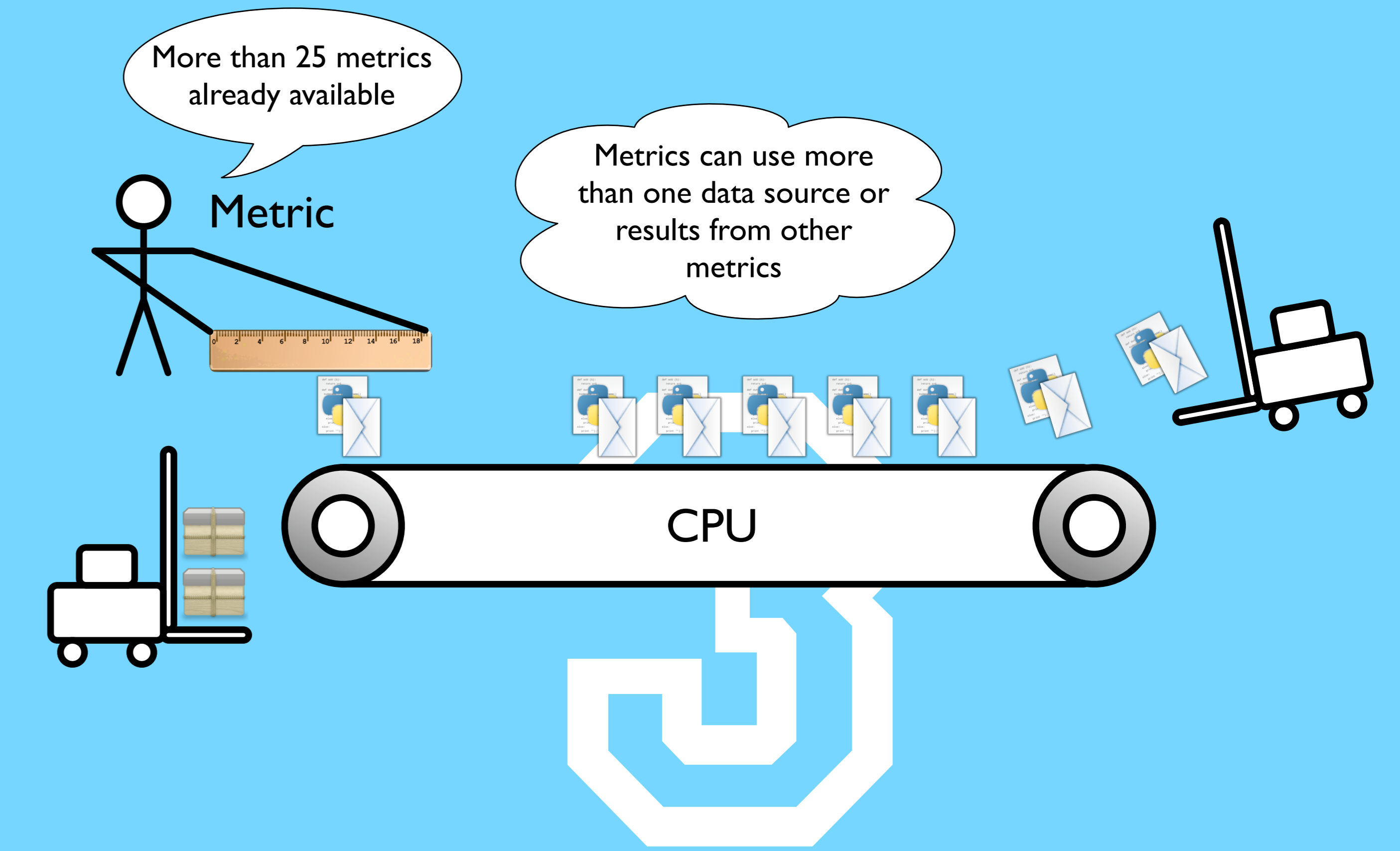
Software Engineering Studies in Four Steps

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 Athens University of Economics and Business
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Data Warehouse



Run analysis tools



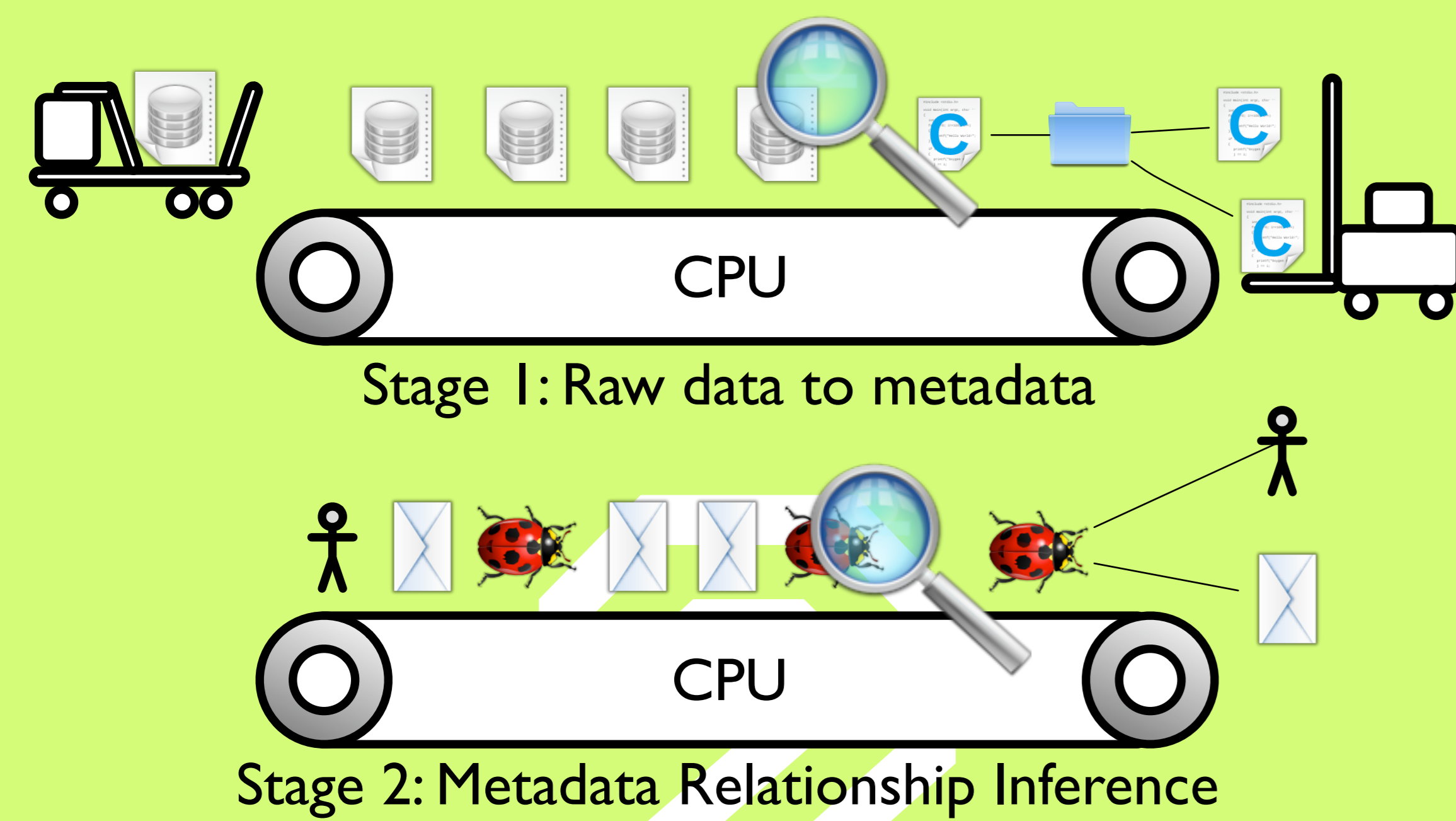
Researcher

- Writes an analysis tool by implementing 3 methods
- Uses raw data or metadata
- Installs the plug-in

Alitheia Core

- Resolves metric dependencies
- Schedules Metric Jobs on CPUs

Preprocess raw data and extract metadata



Stage 1

- Uses SCM log to create a virtual file tree in the DB
- Imports mail and bug metadata

Stage 2

- Reconstructs mailing list threads
- Resolves developer identities across data sources
- Other analyses possible

Leave your comments here

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Share results and tools



www.sqo-oss.org

Researcher

- Downloads Alitheia Core
- Downloads example raw data or metadata
- Writes a plug-in
- Submits it to sqo-oss.org

SQO-OSS project

- Maintains common experiment infrastructure
- Develops Alitheia Core
- Shares raw data and metadata with researchers that submit plug-ins

Community

- Replicates experiments
- Benefits from each other's work

Don't forget your sticker!