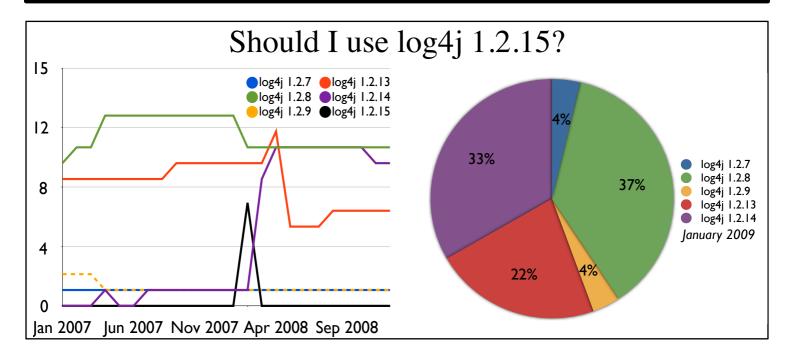
## **Trends in Code**

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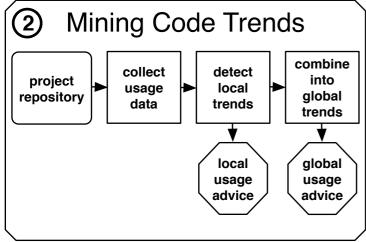


## Code Features Trends

- How does the usage of code features, *e.g. library versions*, evolve?
- Which code features are interesting?
- Who and how will benefit from code features usage trends?

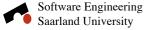
## 1 Global Trends Analysis

- Analyze the usage of a code feature.
- Analyze a big number of projects.
- Analyze over a period of time.
- Make usage recommendations.



## 3 Library Global Usage

Library	Current Popularity	Switched back from	Trend	Should I use it?
junit 3.8.1	84%	0%	<b>/</b>	yes
junit 4.4	9%	0%	<b>^</b>	maybe
log4j 1.2.15	0%	57%	<b></b>	no
derby 10.2	14%	0%	/	no
servlet-api 2.5	25%	10%	-	no
Analyzed 250 open-source projects over a period of 2 years.				



Research