Supporting Synchronous Software Development

Lile Hattori

REVEAL @ Faculty of Informatics University of Lugano, Switzerland

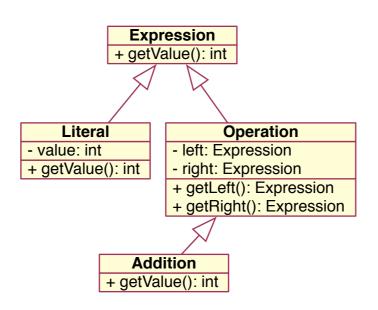


Augment collaboration among developers

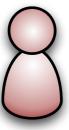
Syde is a tool support for collaboration

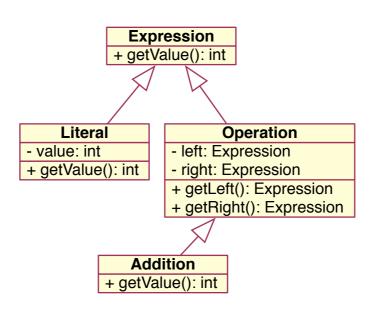






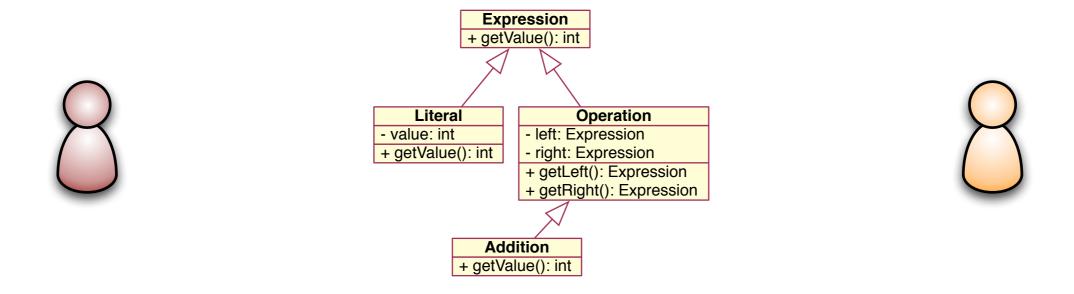


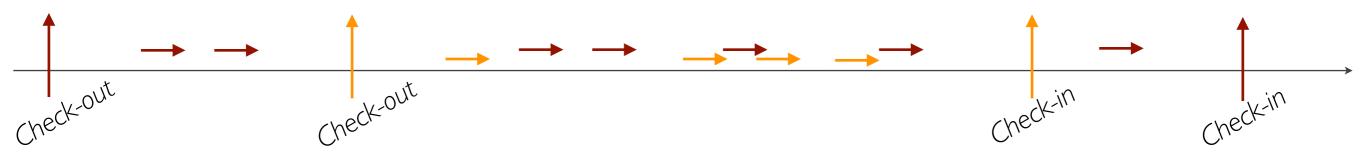


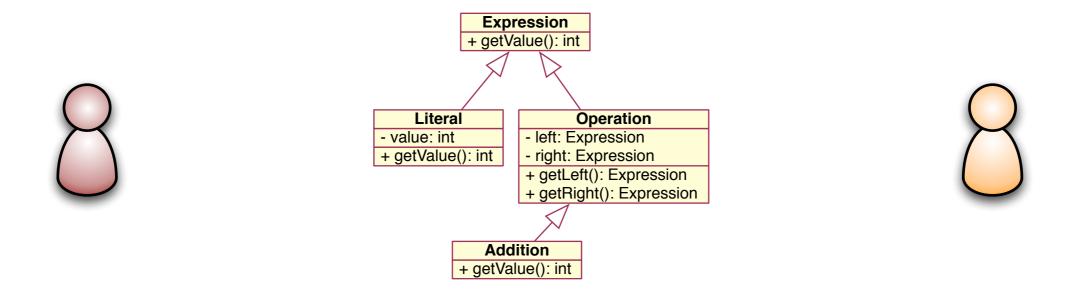


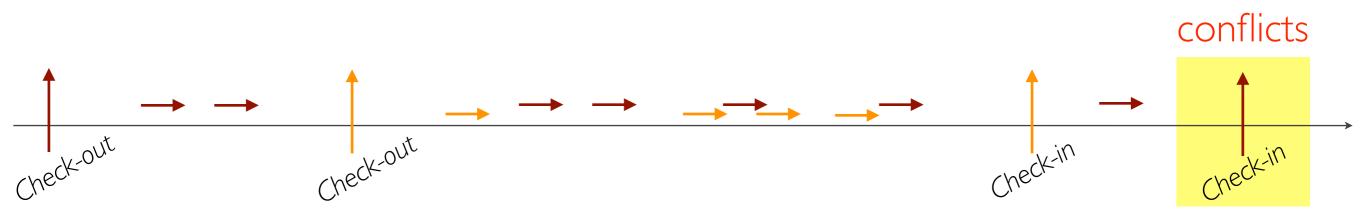




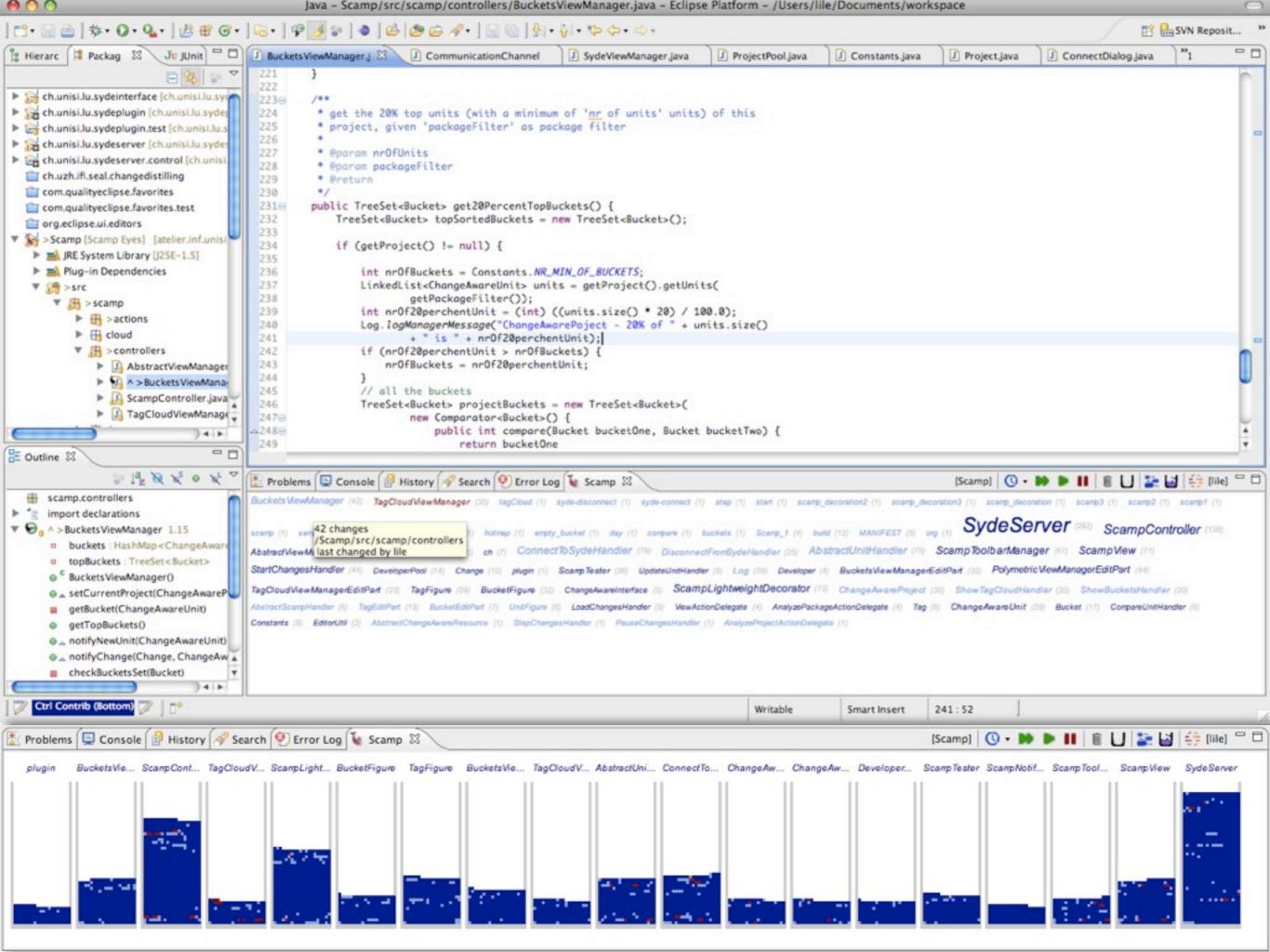


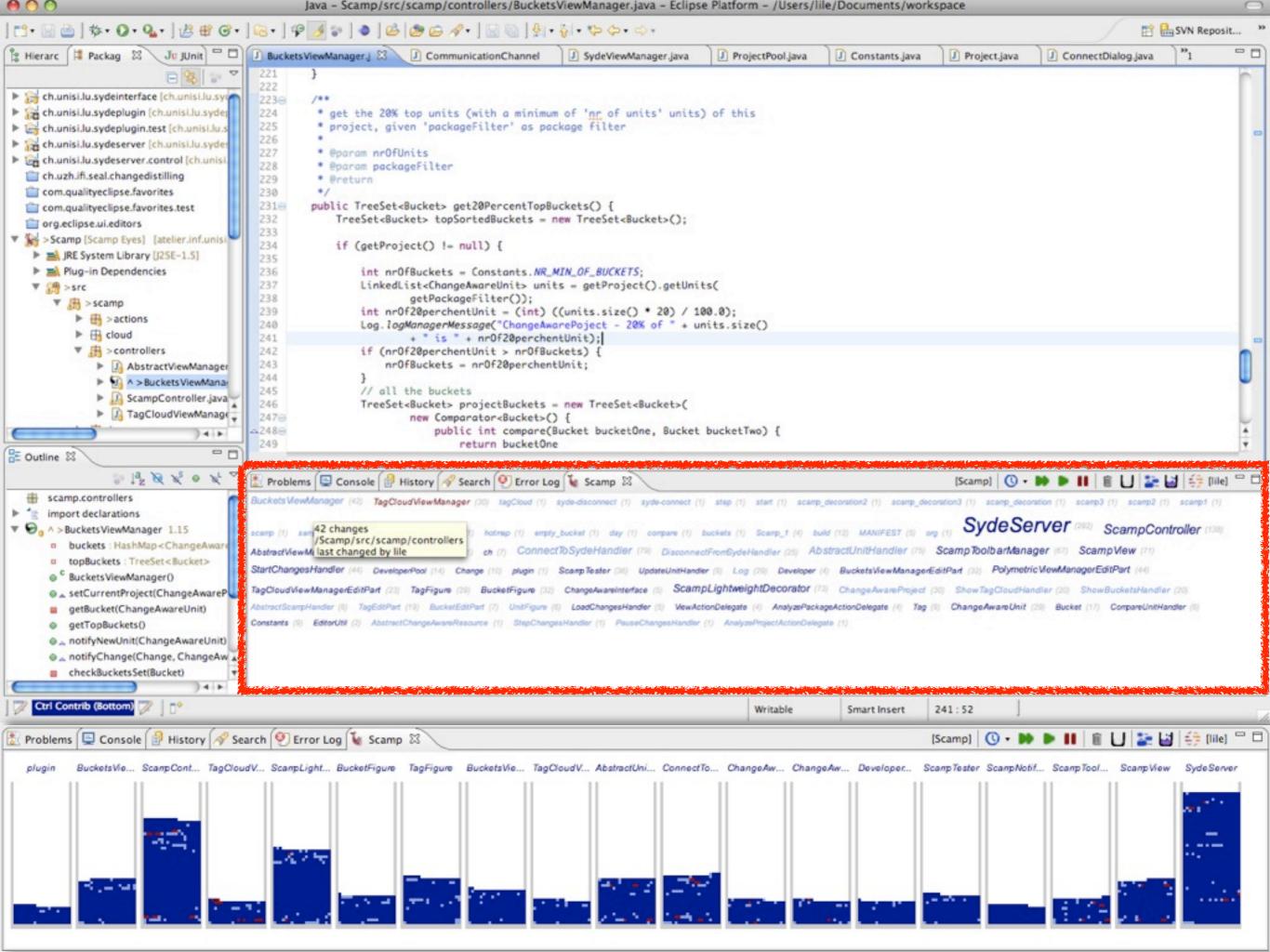


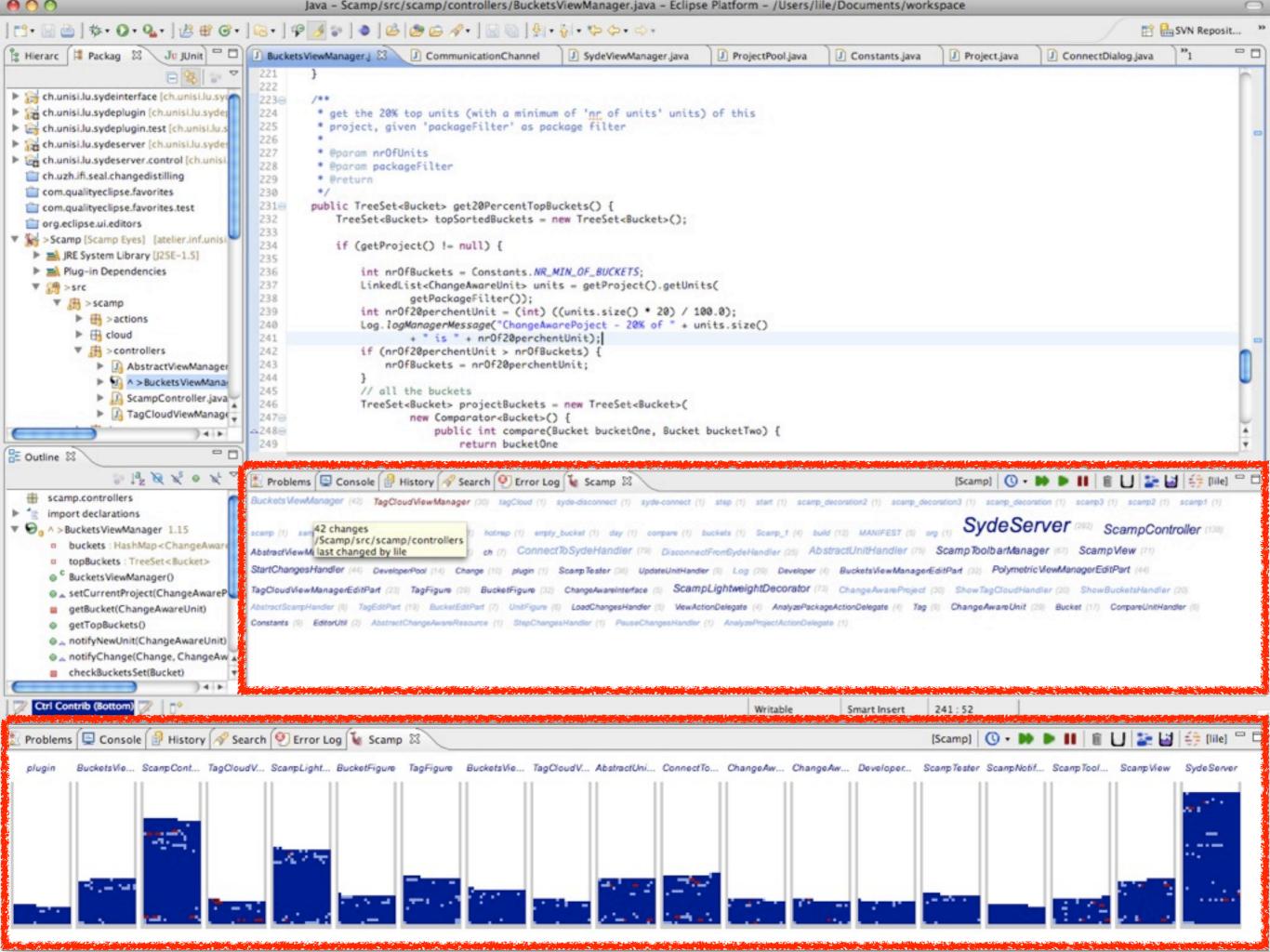


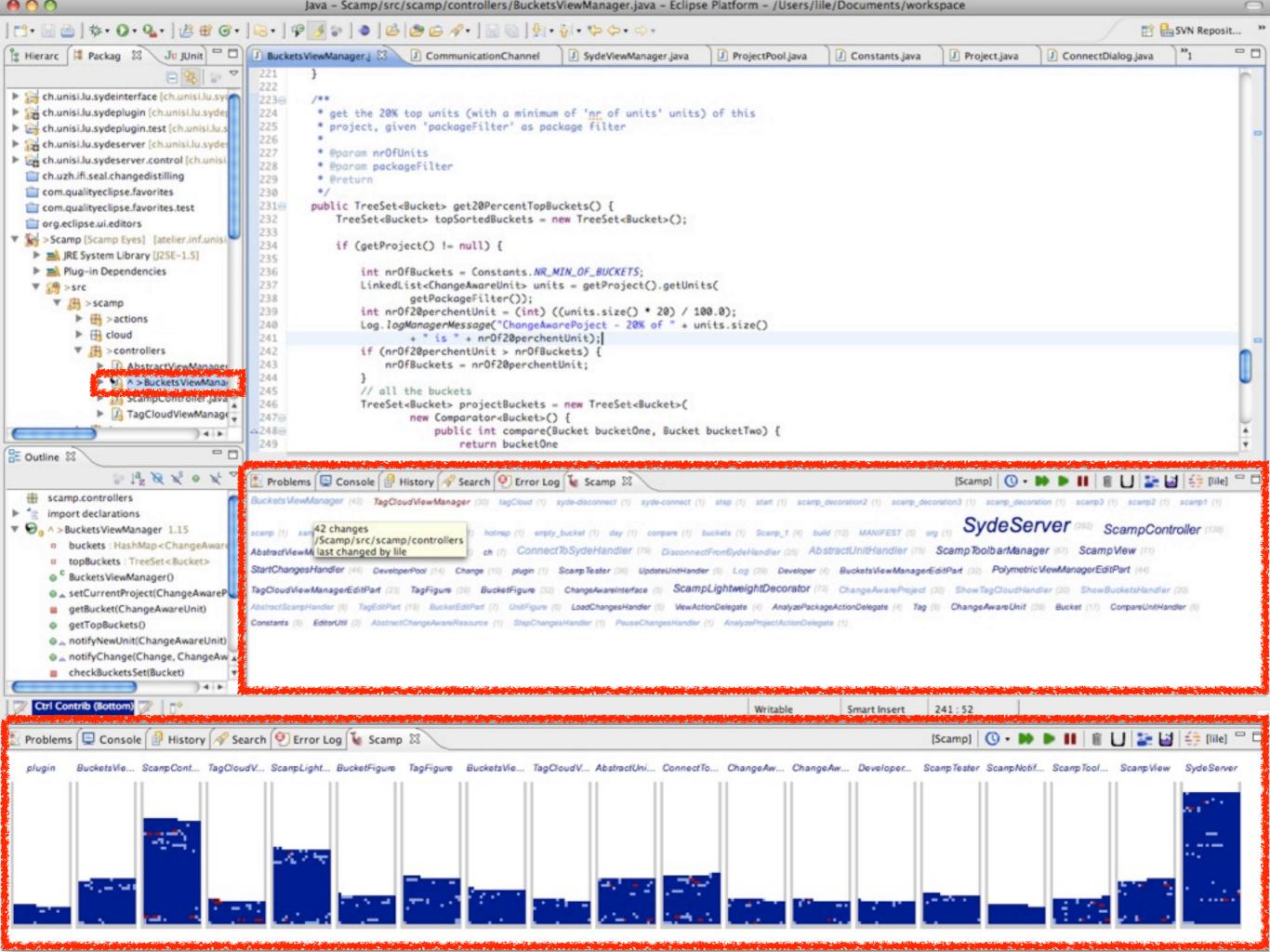


Syde notifies developers of who is editing which parts of the system





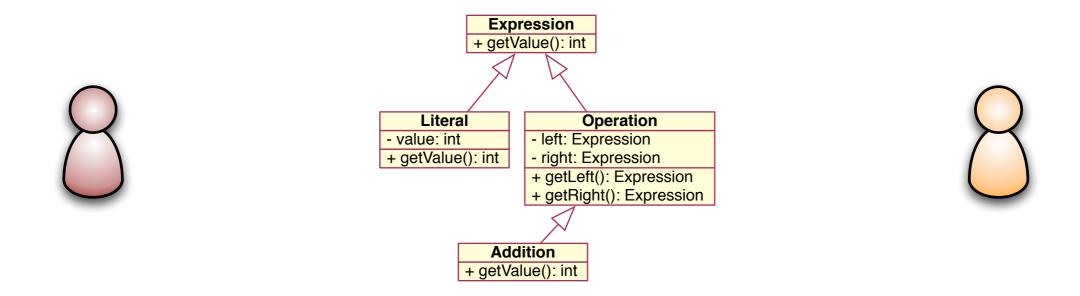


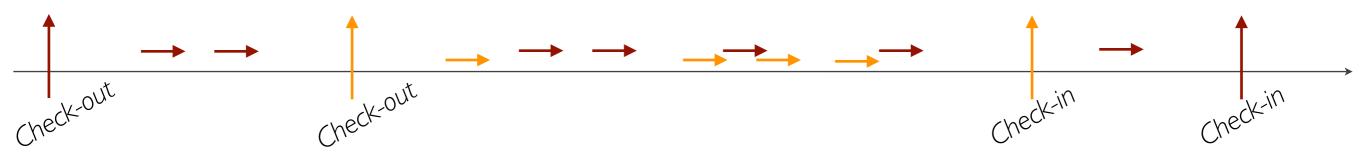


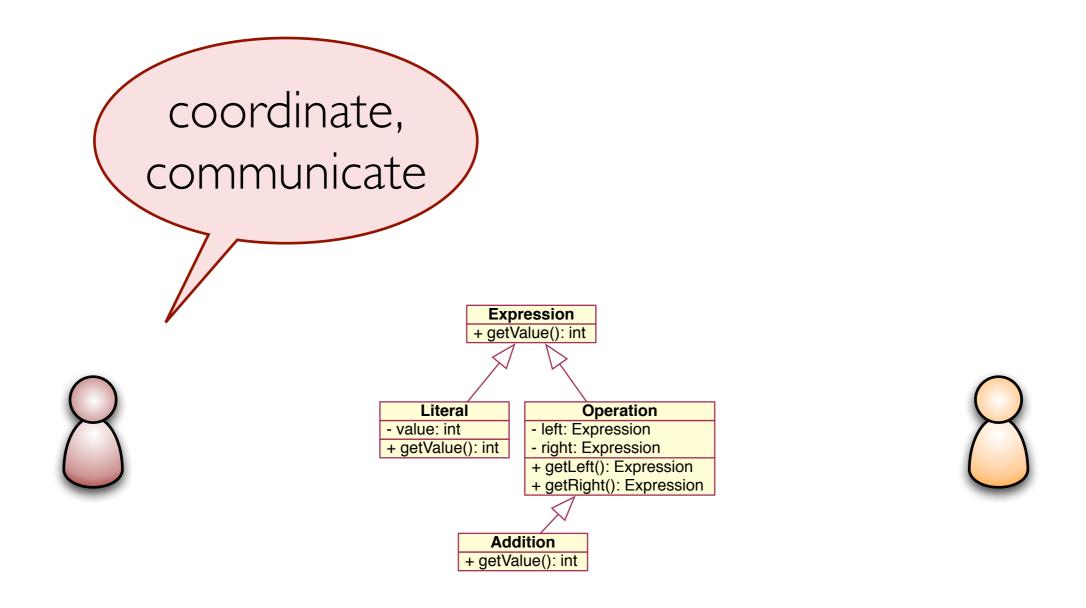
Awareness is the understanding of the activities of others

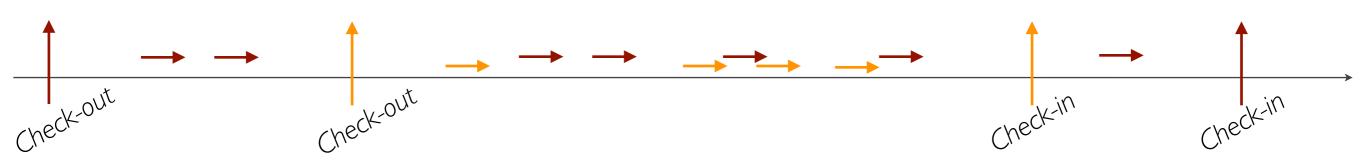
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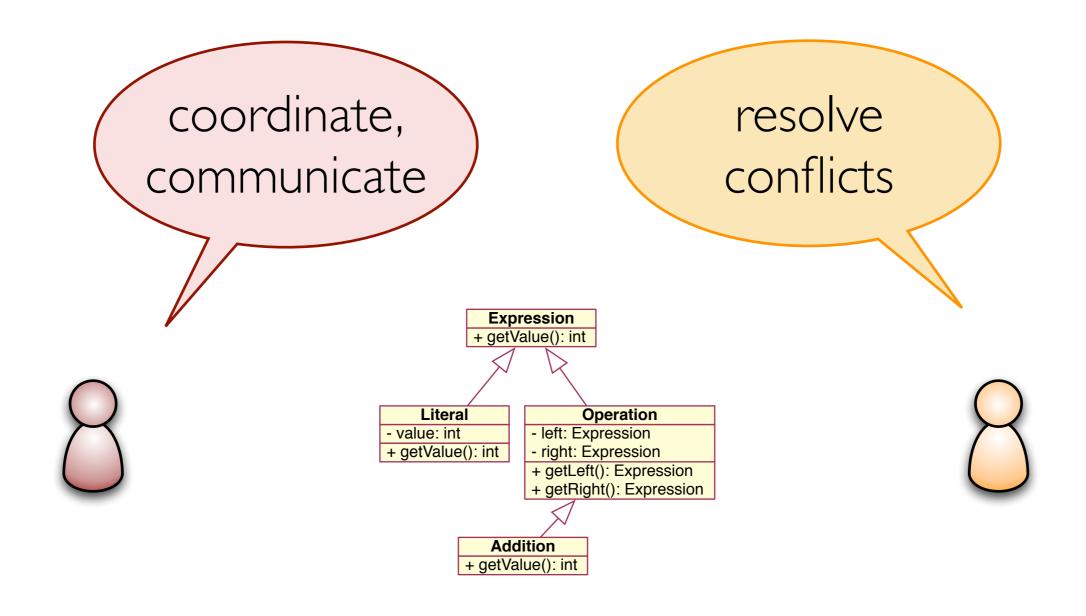
It provides a context for one's activities

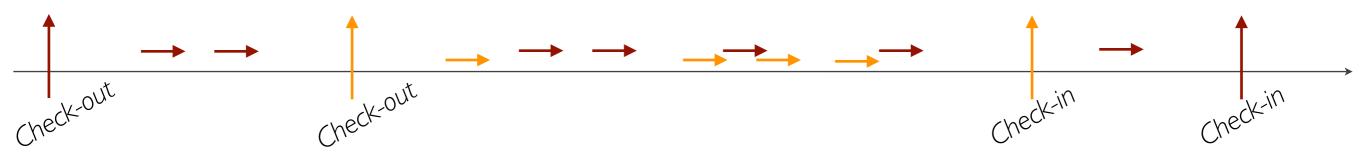




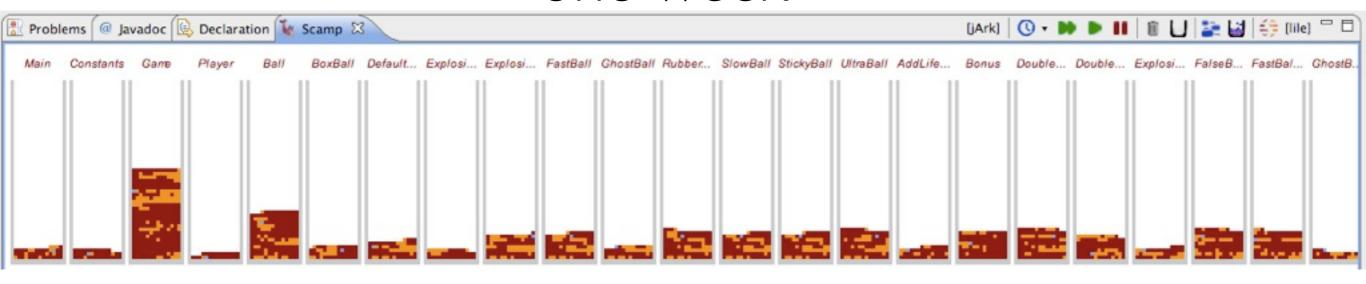




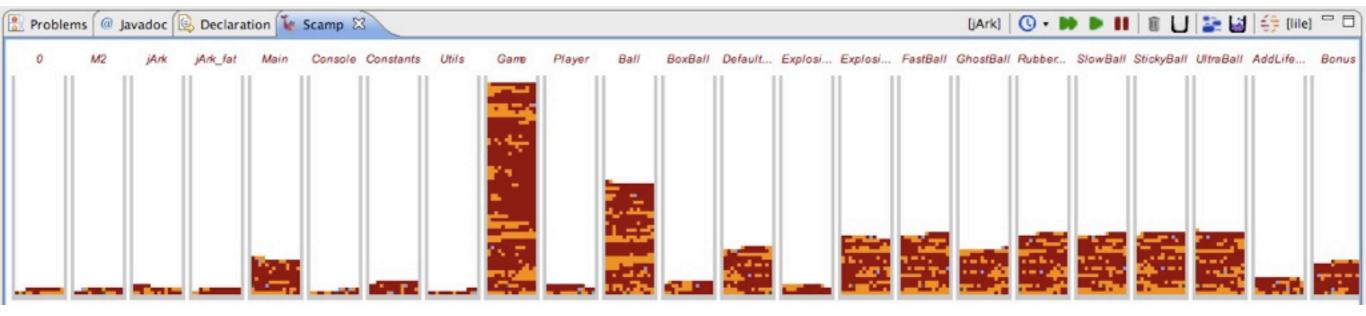




one week



three weeks



We can use the fine-grained change data to analyze the evolution of the system

We can use the fine-grained change data to analyze the evolution of the system

Mining the history of synchronous changes to refine code ownership Lile Hattori and Michele Lanza, MSR 2009

I want More



I want to assist developers on the fly

I want to assist developers on the fly

ownership

conflicts

interaction