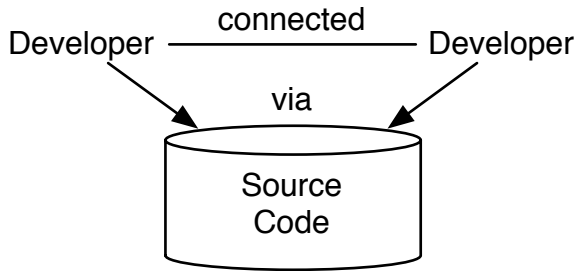


# Constructing Developer Networks: An Overview

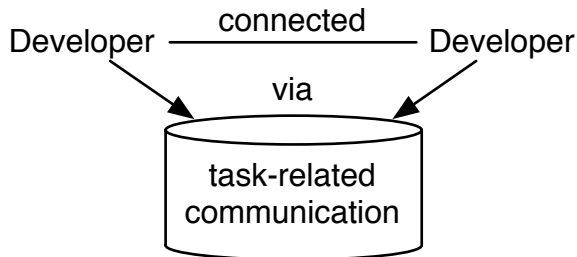
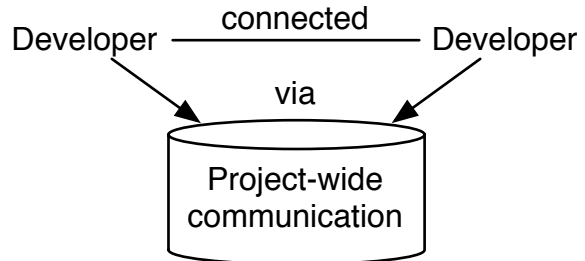


## Technical-based Networks:

Source code repositories were used to construct developer networks by leveraging technical dependencies from code [1,2,3,4]. Two developers are connected in a network if both changed the same file, module, or project.

## Project-wide Networks:

Networks on a project-wide level[4,5,6,7,8] are build without a specific task focus. In these networks people are linked used any project-related communication. Communication can be mined from repositories, such as email archives and issue trackers.



## Task-based Networks:

We mine social networks that evolve around collaborative tasks, such as fixing a bug or implementing a feature. Complementary to other approaches, we mine the communication directly related to a certain task, and thus build more fine-grained networks. [8,9,10,11,12]

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