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**Project : Context Detection on the Desktop Combining Multiple Evidences**

### What?

Context Detection:

Grouping Desktop Resources according to the activity context they were performed in.

### Results so far:

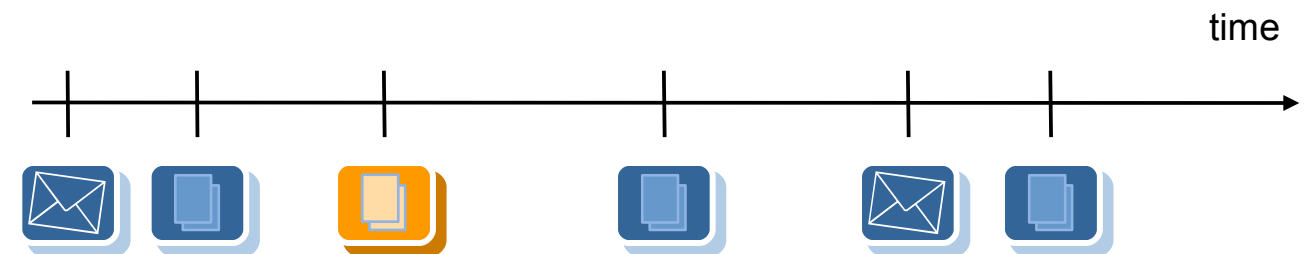
Resource clustering based on opening time

- The “open time” evidence performs similar to the text one, when considered independently.

### Why?

1. To handle increasing amount of data on the desktop
2. For enhancing / browsing in search results
3. For task detection and recommendation.

### Graphic:



### How?

Extend standard text clustering with other evidences:

1. Usage Analysis: Resources accessed consequently
3. Resources opened concurrently
4. Folder hierarchy: Items in the same sub-directory
5. Resource attributes (e.g., file names, mail subject)
6. Concept references (e.g., mail sender and document author).

