git stash

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Purpose

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dkfz.

Urgent bug fix

Working
on a feature/bug

Don't want to commit
current state

Stash your changes
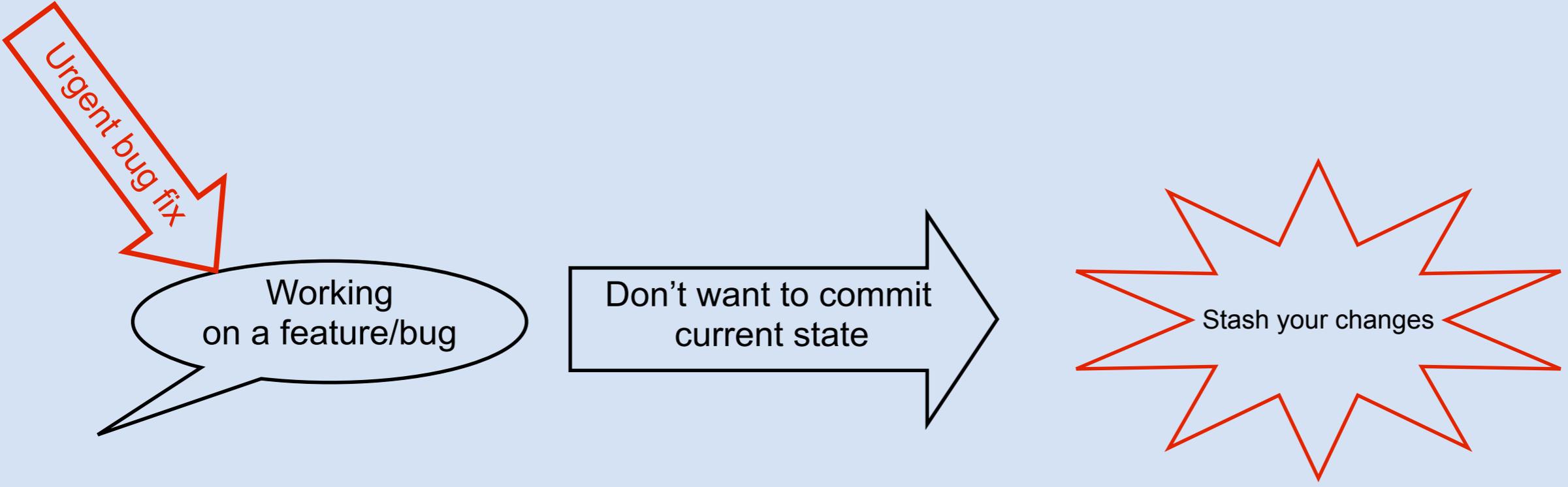
- `git stash:`
  - saves local modifications to new stash and runs `git reset --hard`

- `git stash save [options] message`
  - is called by git stash
  - saves modification with specific message
  - option -p allows to interactively select hunks
  - option --keep-index ignores all changes that are already added to the index

- **`git stash message` doesn't work!!**

What is in the stash?

- `git stash list [option]`
  - Prints the list of all stashes you currently have:

    `stash@{0}: WIP on Demo: 604fbc6 Merge branch 'Format-Outputs'`

- `git show [option] [stash]`
  - Shows the changes recorded in a specific stash
  - Option -p shows diff in patch style

- `git stash pop [stash]`
  - Removes a single stashed state from the list and applies it on top of the working tree

- `git stash apply [stash]`
  - Applies but not removes a specific stash

- `git stash branch [branchname] [stash]`
  - Creates and checks out a new branch, starting from the commit the at which `[stash]` was originally created and applies the stash

- `git stash clear`
  - Removes all stashed changes

- `git stash drop [stash]`
  - Removes a single stashed state from the list

End