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Кафедра информационных систем и цифровых технологий

Дисциплина «Выпуск и сопровождение программных продуктов»

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«Ветвление. Конфликты»

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ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git branch my\_first\_branch

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git checkout my\_first\_branch

Switched to branch 'my\_first\_branch'

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ touch in\_branch.txt

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git add in\_branch.txt

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git commit -m "Add in\_branch.txt file"

[my\_first\_branch 69af3da] Add in\_branch.txt file

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 in\_branch.txt

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git checkout master

Switched to branch 'master'

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git checkout -b new\_branch

Switched to a new branch 'new\_branch'

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ echo "new row in 1.txt file" >> 1.txt

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git add 1.txt

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git commit -m "Add new row to 1.txt file"

[new\_branch 58eff14] Add new row to 1.txt file

1 file changed, 1 insertion(+)

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git checkout master

Switched to branch 'master'

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git merge my\_first\_branch

Updating f1659eb..69af3da

Fast-forward

in\_branch.txt | 0

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 in\_branch.txt

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git merge new\_branch

Merge made by the 'ort' strategy.

1.txt | 1 +

1 file changed, 1 insertion(+)

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git branch -d my\_first\_branch

Deleted branch my\_first\_branch (was 69af3da).

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git branch -d new\_branch

Deleted branch new\_branch (was 58eff14).

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git branch branch\_1

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git branch branch\_2

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git checkout branch\_1

Switched to branch 'branch\_1'

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ echo "fix in 1.txt" > 1.txt

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ echo "fix in 3.txt" > 3.txt

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git add 1.txt 3.txt

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git commit -m "Fix files 1.txt and 3.txt"

[branch\_1 367c05d] Fix files 1.txt and 3.txt

2 files changed, 2 insertions(+), 1 deletion(-)

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git checkout branch\_2

Switched to branch 'branch\_2'

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ echo "My fix in 1.txt" > 1.txt

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ echo "My fix in 3.txt" > 3.txt

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git add 1.txt 3.txt

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git commit -m "My fix in files 1.txt and 3.txt"

[branch\_2 bc630cb] My fix in files 1.txt and 3.txt

2 files changed, 2 insertions(+), 1 deletion(-)

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git checkout branch\_1

Switched to branch 'branch\_1'

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git merge branch\_2

Auto-merging 1.txt

CONFLICT (content): Merge conflict in 1.txt

Auto-merging 3.txt

CONFLICT (content): Merge conflict in 3.txt

Automatic merge failed; fix conflicts and then commit the result.

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git mergetool --tool=vimdiff 3.txt

Merging:

3.txt

Normal merge conflict for '3.txt':

{local}: modified file

{remote}: modified file

4 files to edit

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git add 1.txt 3.txt

ivan@DESKTOP-KP65LSQ:/mnt/c/Users/ivan/Desktop/VIV$ git commit -m "Resolve conflict using vimdiff"

[branch\_1 3c59425] Resolve conflict using vimdiff