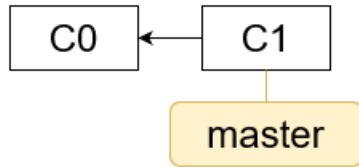


Uso colaborativo de Git

Merge

Repositorio Remoto

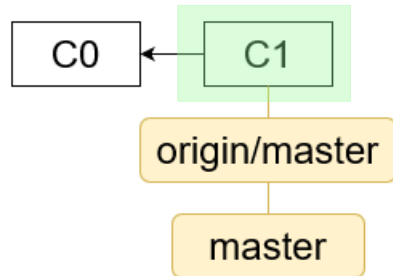
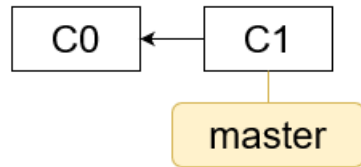


.....

Repositorio Local

git clone

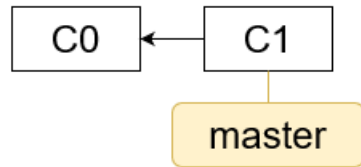
Repositorio Remoto



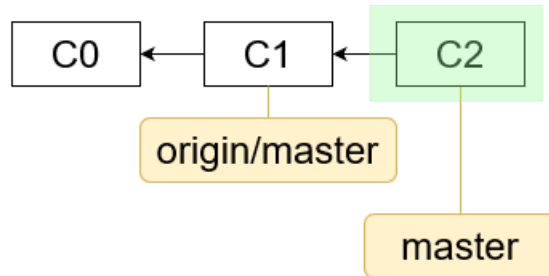
Repositorio Local

git commit

Repositorio Remoto



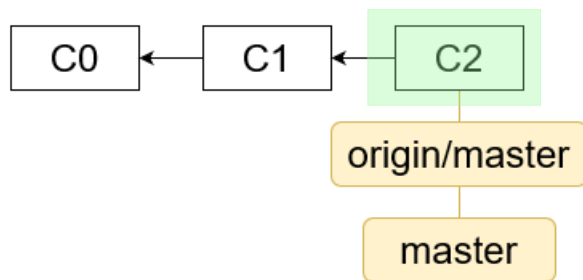
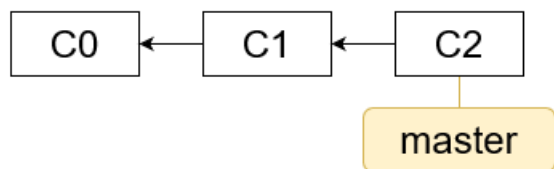
.....



Repositorio Local

git push

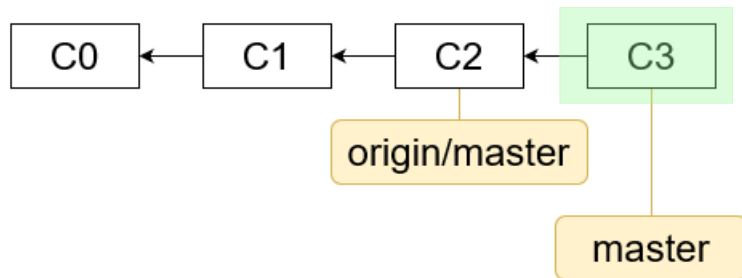
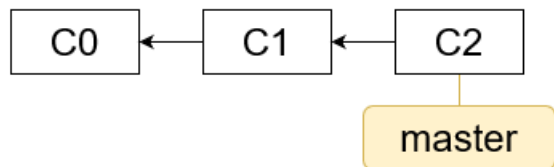
Repositorio Remoto



Repositorio Local

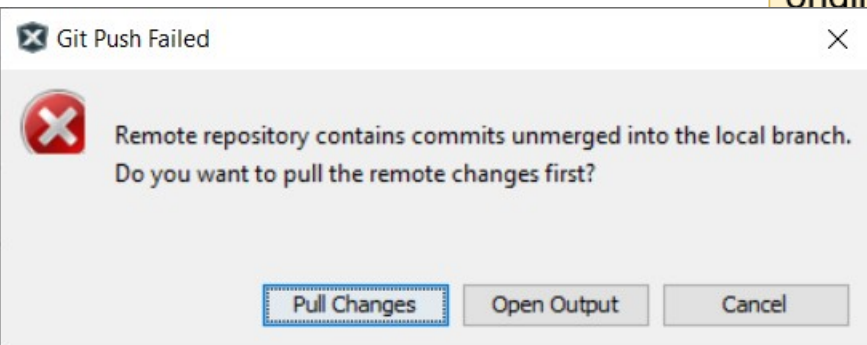
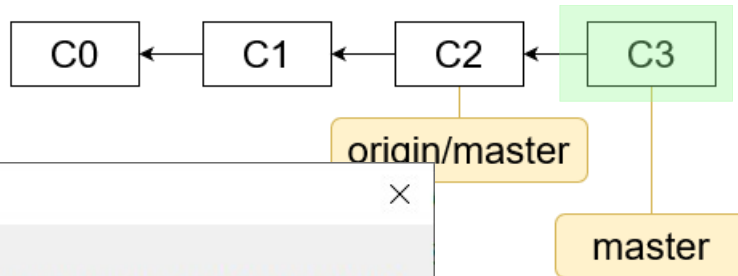
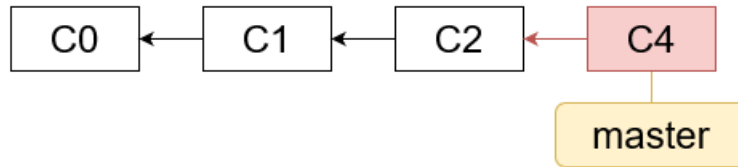
git commit

Repositorio Remoto



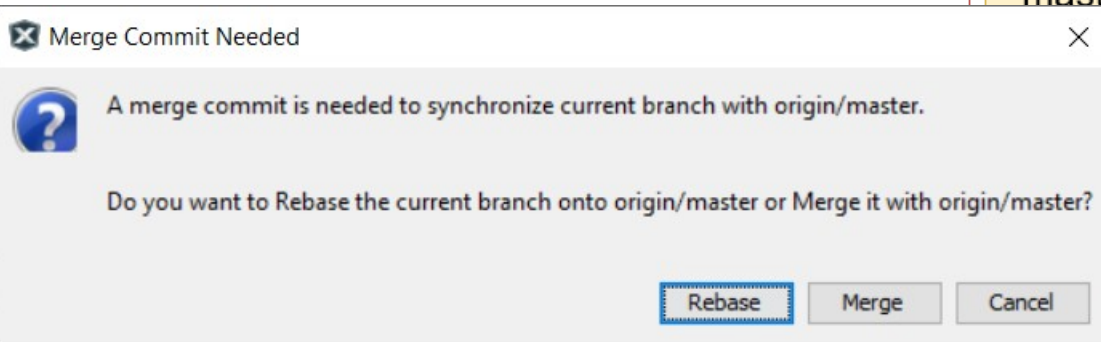
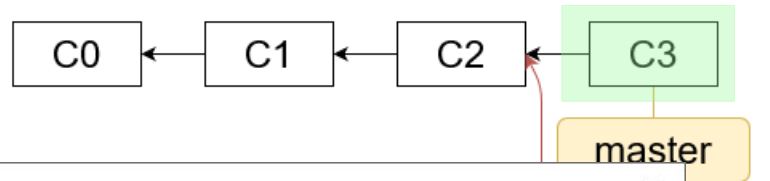
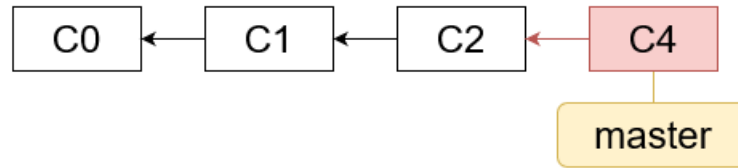
Repositorio Local

Repositorio Remoto



git pull

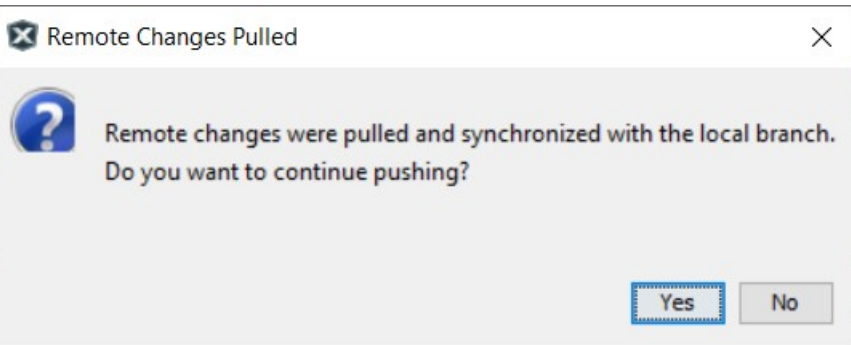
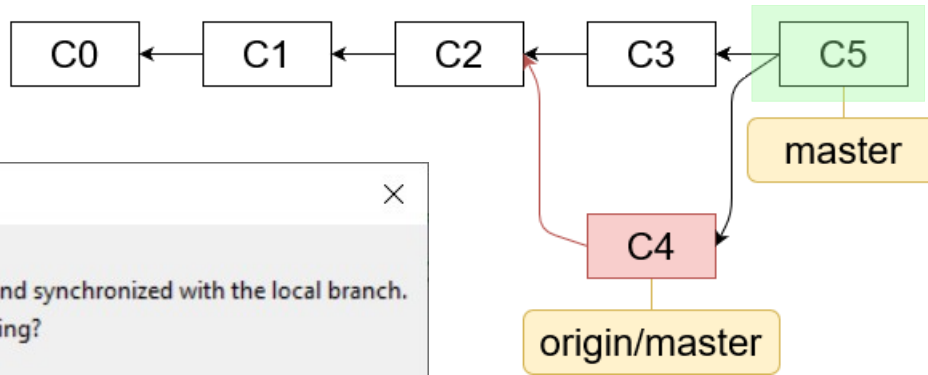
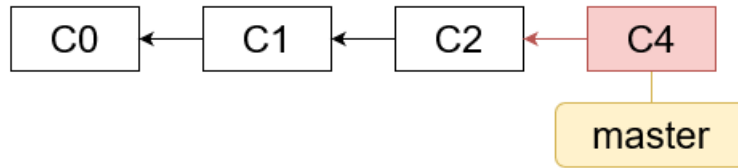
Repositorio Remoto



Si los cambios están en archivos distintos o en líneas distintas de código, el proceso es automático...

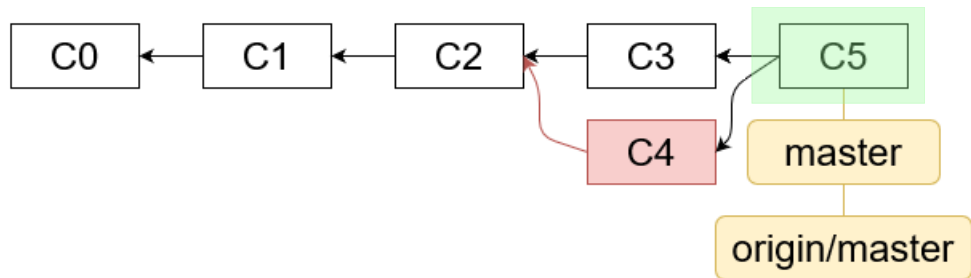
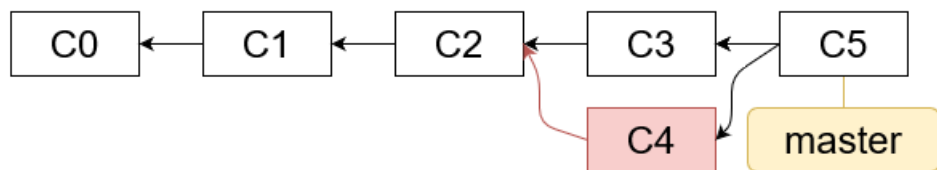
git merge

Repositorio Remoto



git push

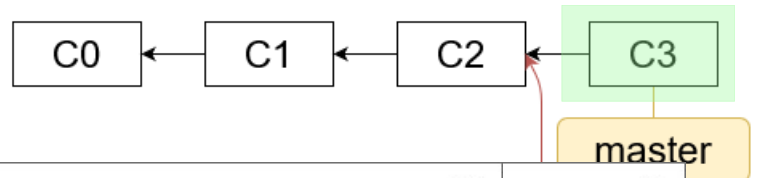
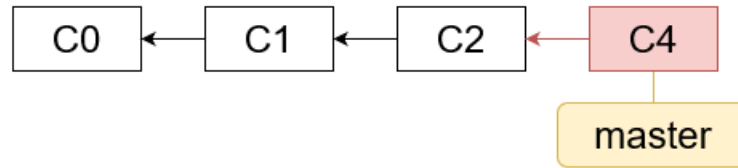
Repositorio Remoto



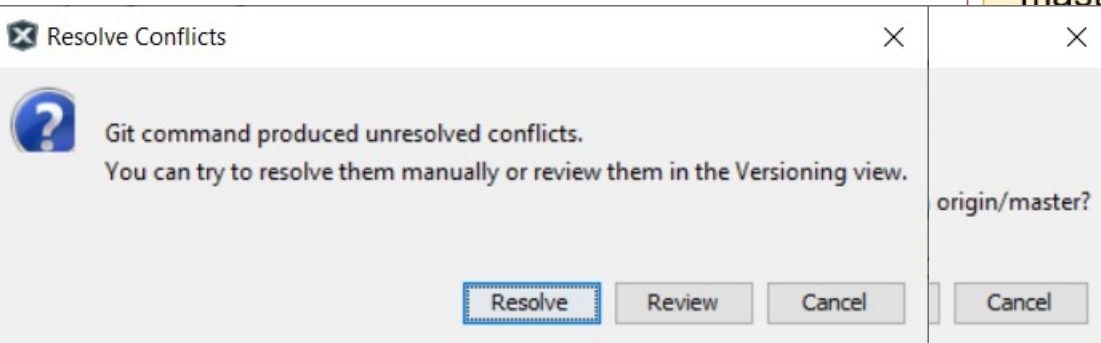
Repositorio Local

Volvamos a analizar el momento del *merge* si los cambios son en el mismo archivo...

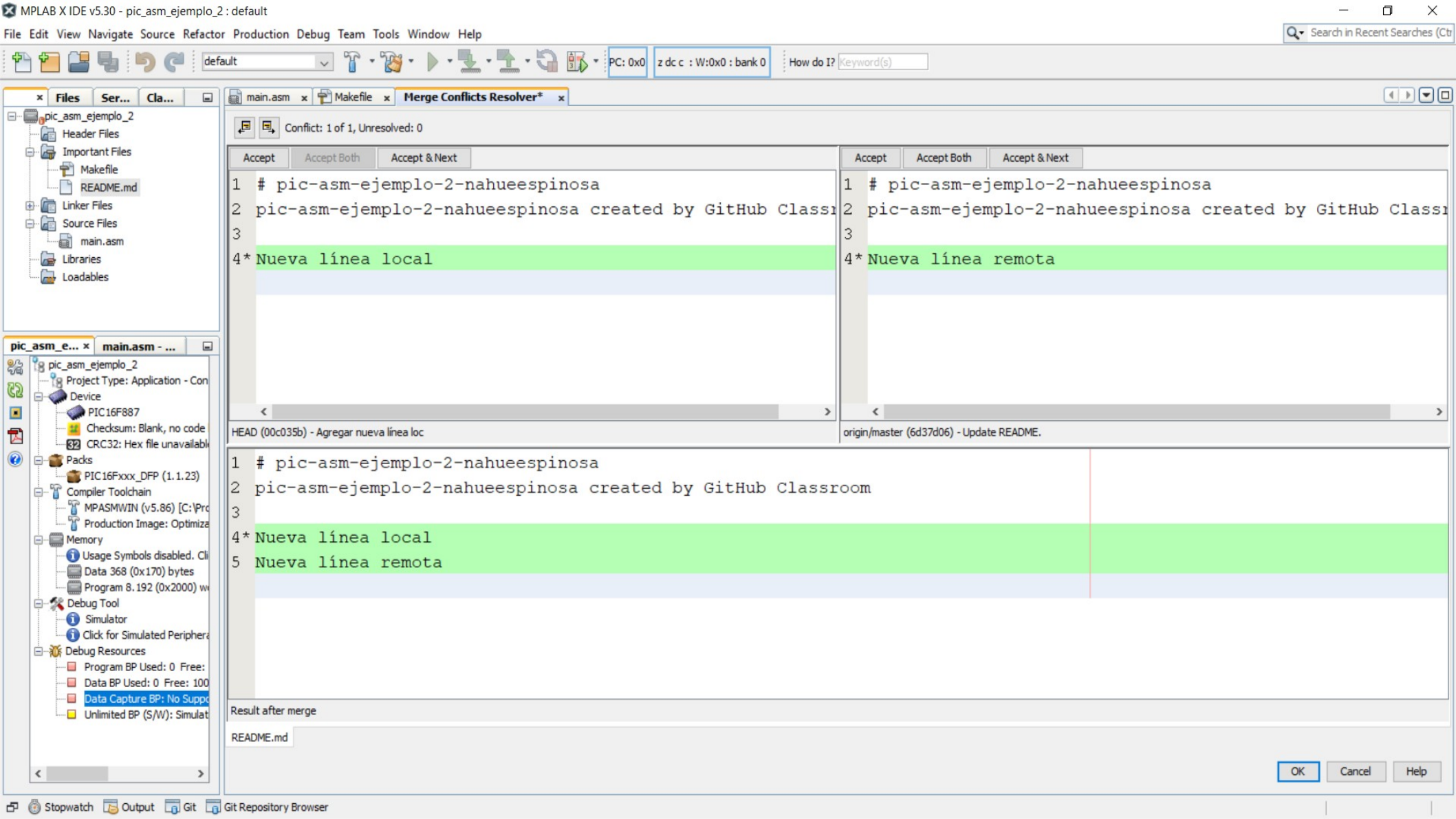
Repositorio Remoto



Si los cambios están en los mismos archivos y en las mismas líneas, el proceso es manual...



git merge



En este punto se mezclaron los cambios pero no se hizo el commit.

Es un buen momento para comprobar que el código sigue compilando sin errores y funciona como debería.

picasm_ejemplo_2

File Edit View Navigate Source Refactor Production Debug Team Tools Window Help

default

Files Ser... Cla...

main.asm x

picasm_ejemplo_2

Header Files

Important Files

Makefile

README.md

Linker Files

Source Files

main.asm

Libraries

Loadables

picasm_e... x main.asm - ...

picasm_ejemplo_2

Project Type: Application - Con

Device

PIC16F887

Checksum: Blank, no code

CRC32: Hex file unavailable

Packs

PIC16Fxxx_DFP (1.1.23)

Compiler Toolchain

MPASMWIN (v5.86) [C:\Pr

Production Image: Optimiz

Memory

Usage Symbols disabled. Cli

Data 368 (0x170) bytes

Program 8.192 (0x2000) w

Debug Tool

Simulator

Click for Simulated Periph

Debug Resources

Program BP Used: 0 Free:

Data BP Used: 0 Free: 100

Data Capture BP: No Supp

Unlimited BP (S/W): Simulat

main.asm

Asm Source

Histo

1 ;**

2 ;

3 ;

4 ;

5 ;

6 ;

7 ;

8 ;

9 ;

10 ;**

11 #in

12

13 ; B

14 ;

15

16

17 ; D

18

19

20

21 endc

22 ;*****

23 ; Inicio del programa *

24 ;*****

25 org 0x00 ; Vector de reset

26 nop

27

PC: 0x0 z dc c : W:0x0 : bank 0

How do I? Keyword(s)

hivo - main.asm *

Espinosa *

ama utiliza una subrutina para togglear el bit 7 de una *

lamada "dato". *

ombre y apellido en este encabezado. *

simular el programa. *

nc> *

ción *****

ONFIG1, 0x20F1 ; FOSC = XT, WDTE = OFF, MCLRE = ON

ONFIG2, 0x3FFF

iables *****

20 ; Dirección de almacenamiento de datos

Inicio del programa *

org 0x00 ; Vector de reset

nop

main

Stopwatch

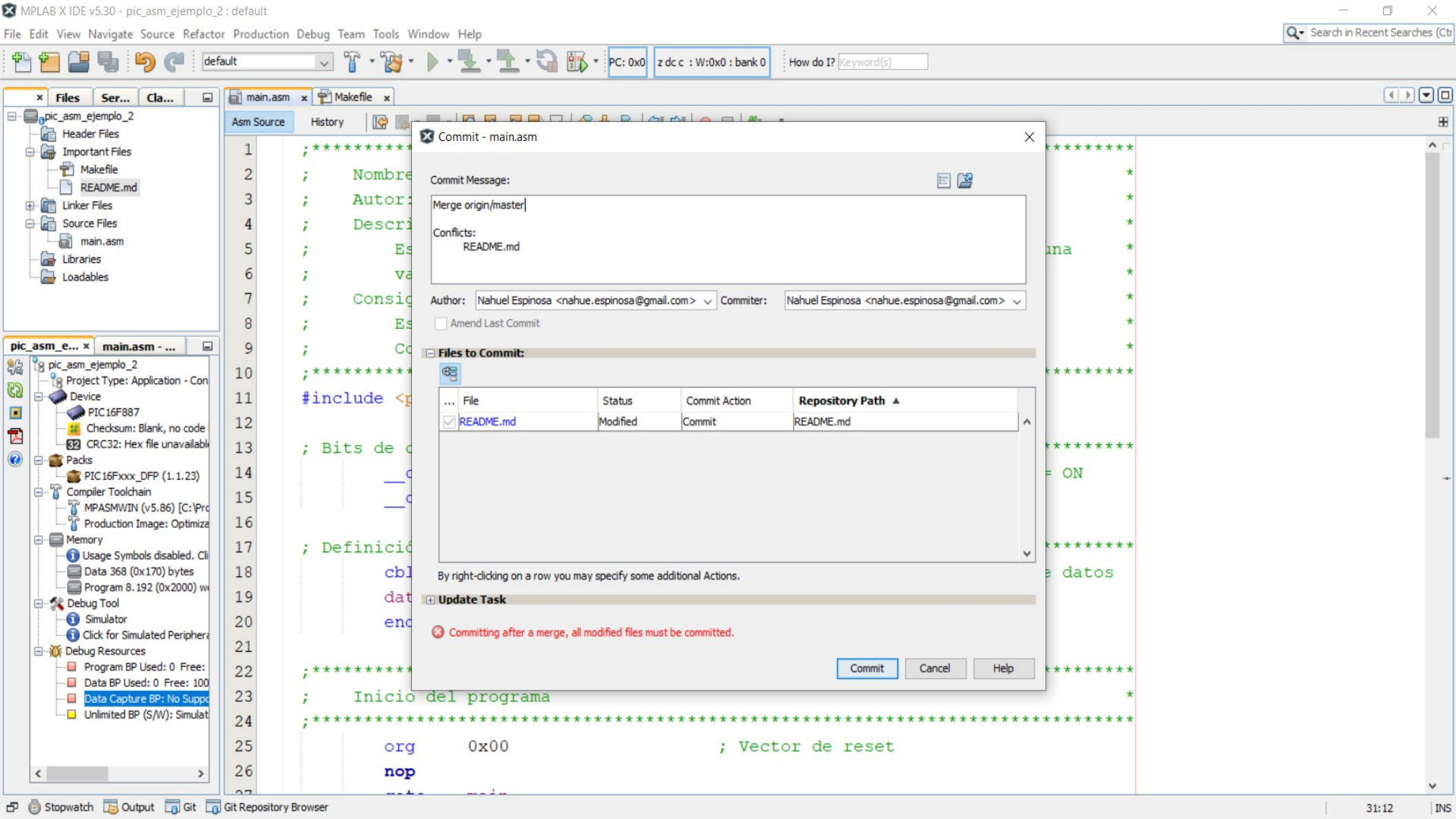
Output

Git

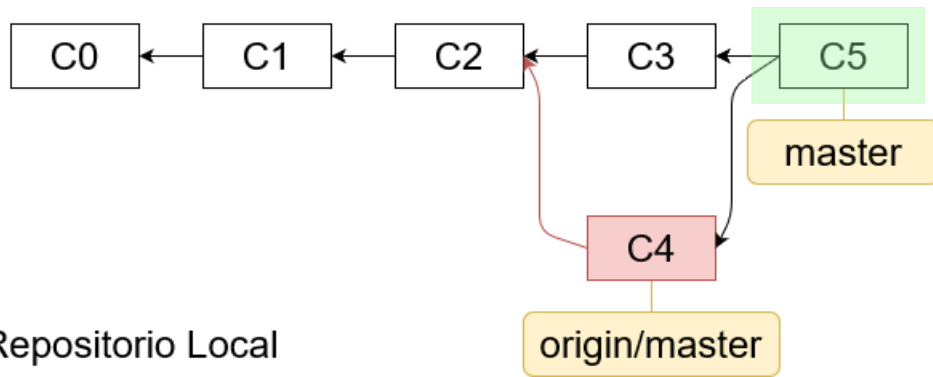
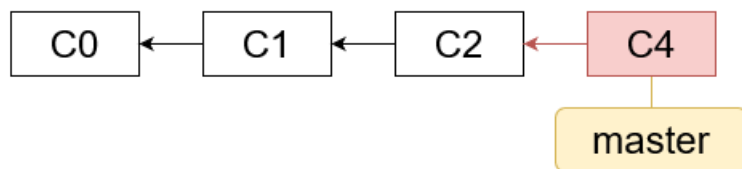
Git Repository Browser

31:12

INS



Repositorio Remoto



Repositorio Local

git push

MPLAB X IDE v5.30 - pic_asm_ejemplo_2 : default

File Edit View Navigate Source Refactor Production Debug Team Tools Window Help

default

Files Ser... Cla...

main.asm x

pic_asm_ejemplo_2

Header Files

Important Files

Makefile

README.md

Linker Files

Source Files

main.asm

Libraries

Loadables

pic_asm_e... x main.asm - ...

pic_asm_ejemplo_2

Project Type: Application - Con

Device

PIC16F887

Checksum: Blank, no code

CRC32: Hex file unavailable

Packs

PIC16Fxxx_DFP (1.1.23)

Compiler Toolchain

MPASMWIN (v5.86) [C:\Pro

Production Image: Optimiza

Memory

Usage Symbols disabled. Cli

Data 368 (0x170) bytes

Program 8.192 (0x2000) w

Debug Tool

Simulator

Click for Simulated Peripher

Debug Resources

Program BP Used: 0 Free:

Data BP Used: 0 Free: 100

Data Capture BP: No Supp

Unlimited BP (S/W): Simulat

Asm Source

Histo

1 ; **

2 ;

3 ;

4 ;

5 ;

6 ;

7 ;

8 ;

9 ;

10 ; **

11 #in

12

13 ; B

14

15

16

17 ; D

18

19

20

21 endc

22 ; *****

23 ; Inicio del programa *

24 ; *****

25 org 0x00 ; Vector de reset

26 nop

27

Team

Show Changes

Diff

Add

Commit...

Checkout

Revert Modifications...

Show Annotations

Show History

Resolve Conflicts

Ignore

Patches

Branch/Tag

Remote

Revert/Recover

Repository

Shelve Changes

Disconnect...

Other VCS

History

Find Tasks...

Report Task...

Create Build Job...

Clone...

Fetch from Upstream

Fetch...

Pull from Upstream

Pull...

Push to Upstream

Push...

Show Incoming

Show Outgoing

PC: 0x0 z dc c : W:0x0 : bank 0

How do I? Keyword(s)

hivo - main.asm *

Espinosa *

ama utiliza una subrutina para togglear el bit 7 de una *

lamada "dato". *

ombre y apellido en este encabezado. *

ograma. *

; FOSC = XT, WDTE = OFF, MCLRE = ON

; Dirección de almacenamiento de datos

Inicio del programa *

org 0x00 ; Vector de reset

nop

main

Stopwatch

Output

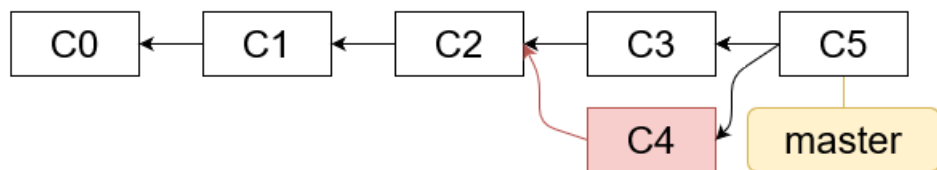
Git

Git Repository Browser

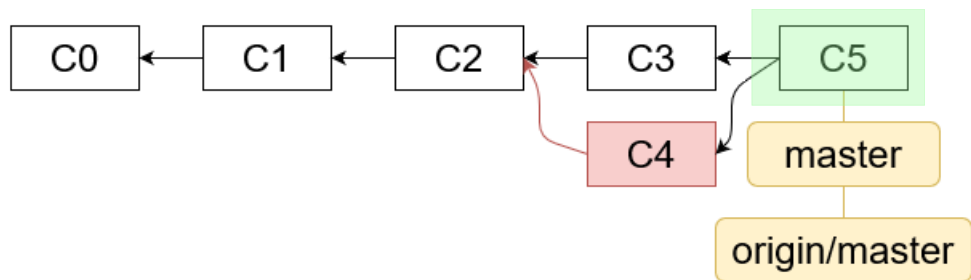
31:12

INS

Repositorio Remoto



.....



Repositorio Local

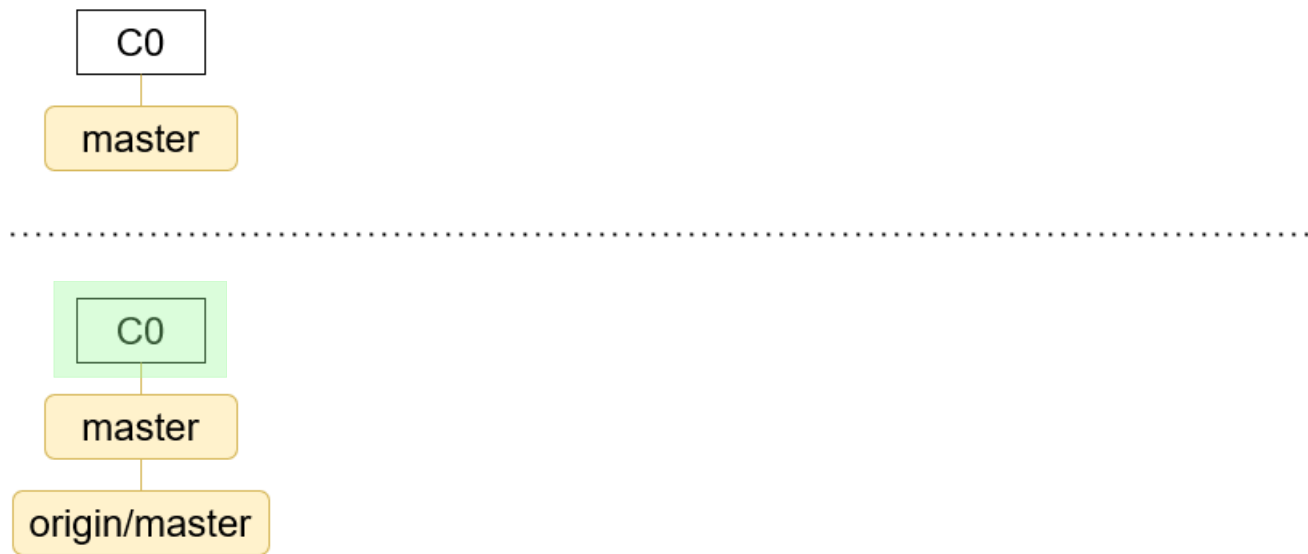
Uso colaborativo de Git

Branches

git checkout develop



Repositorio Remoto



Repositorio Local

MPLAB X IDE v5.30 - pic_asm_ejemplo_2 : default

File Edit View Navigate Source Refactor Production Debug Team Tools Window Help

default

Files Ser... Cla...

main.asm

pic_asm_ejemplo_2

Header Files

Important Files

Makefile

README.md

Linker Files

Source Files

main.asm

Libraries

Loadables

pic_asm_e... x main.asm - ...

pic_asm_ejemplo_2

Project Type: Application - Con

Device

PIC16F887

Checksum: Blank, no code

CRC32: Hex file unavailable

Packs

PIC16Fxxx_DFP (1.1.23)

Compiler Toolchain

MPASMWIN (v5.86) [C:\Prc

Production Image: Optimiza

Memory

Usage Symbols disabled. Cl

Data 368 (0x170) bytes

Program 8.192 (0x2000) w

Debug Tool

Simulator

Click for Simulated Periph

Debug Resources

Program BP Used: 0 Free:

Data BP Used: 0 Free: 100

Data Capture BP: No Supp

Unlimited BP (S/W): Simulat

main.asm

Asm Source

11 #in

12

13 ; B

14 ONFIG1, 0x20F1 ; FOSC = XT, WDTE = OFF, MCLRE = ON

15 ONFIG2, 0x3FFF

16

17 ; D

18

19

20

21

22 ; **

23 ;

24 ; **

25

26

27 n

28

29 ; R

30 main nop ; No hay nada que inicializar

31 nop

32

33 main_loop

34 call toggle_bit ; Llamo a una subrutina

35 goto main_loop ; Super loop

36

37 ; Subrutina - toggle bit *****

PC: 0x0 z dc c : W:0x0 : bank 0

How do I? Keyword(s)

nc>

ción *****

ONFIG1, 0x20F1 ; FOSC = XT, WDTE = OFF, MCLRE = ON

ONFIG2, 0x3FFF

lables *****

; Dirección de almacenamiento de datos

; Vector de reset

- main *****

; No hay nada que inicializar

; Llamo a una subrutina

; Super loop

Show Changes

Diff

Add

Commit...

Checkout

Revert Modifications...

Show Annotations

Show History

Resolve Conflicts

Ignore

Patches

Branch/Tag

Remote

Revert/Recover

Repository

Shelve Changes

Disconnect...

Other VCS

History

Find Tasks...

Report Task...

Create Build Job...

Create Branch...

Switch To Branch...

Set Tracked Branch...

Create Tag...

Manage Tags...

Merge Revision...

Rebase...

Cherry Pick...

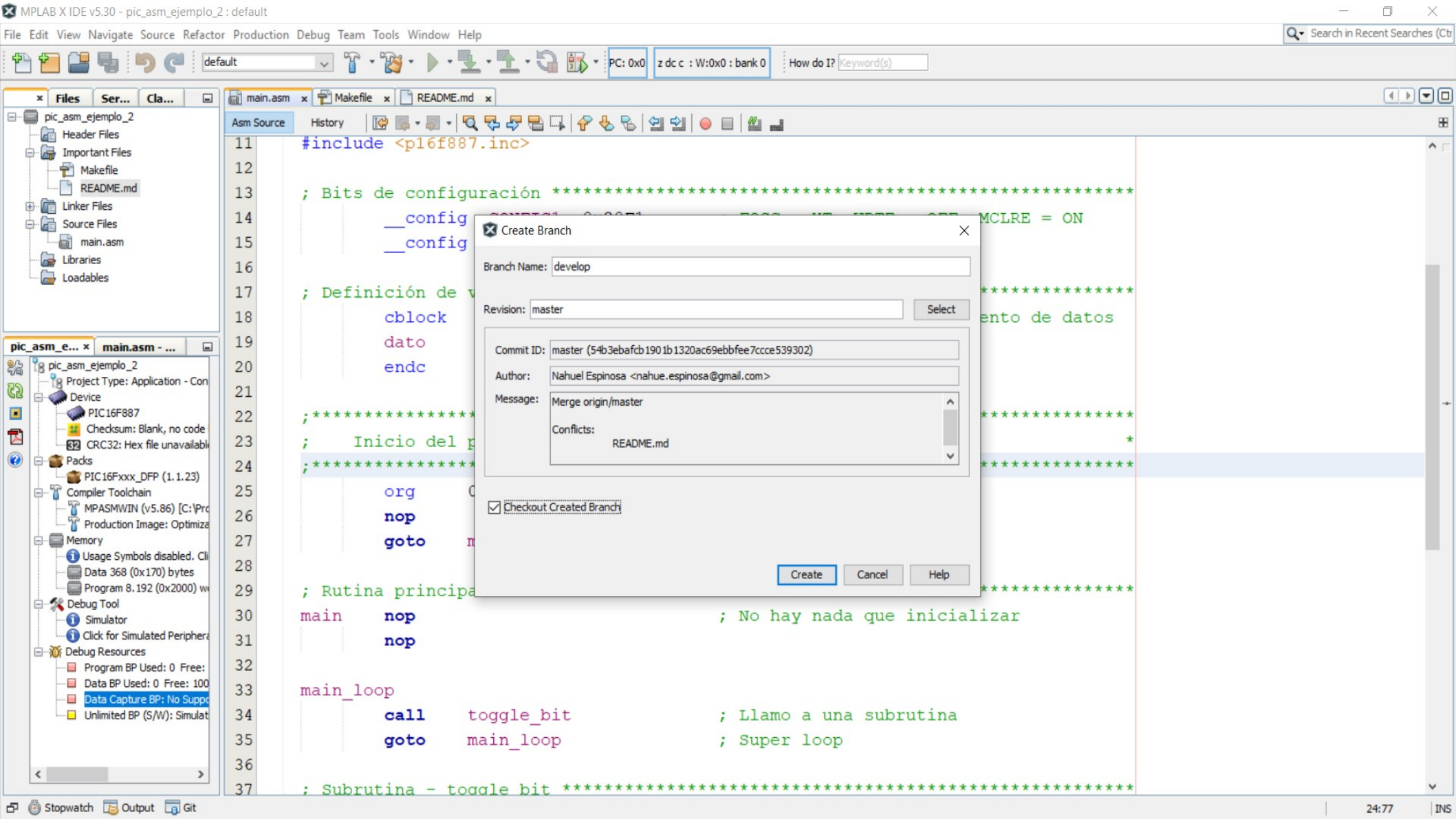
Stopwatch

Output

Git

24:77

INS



git commit



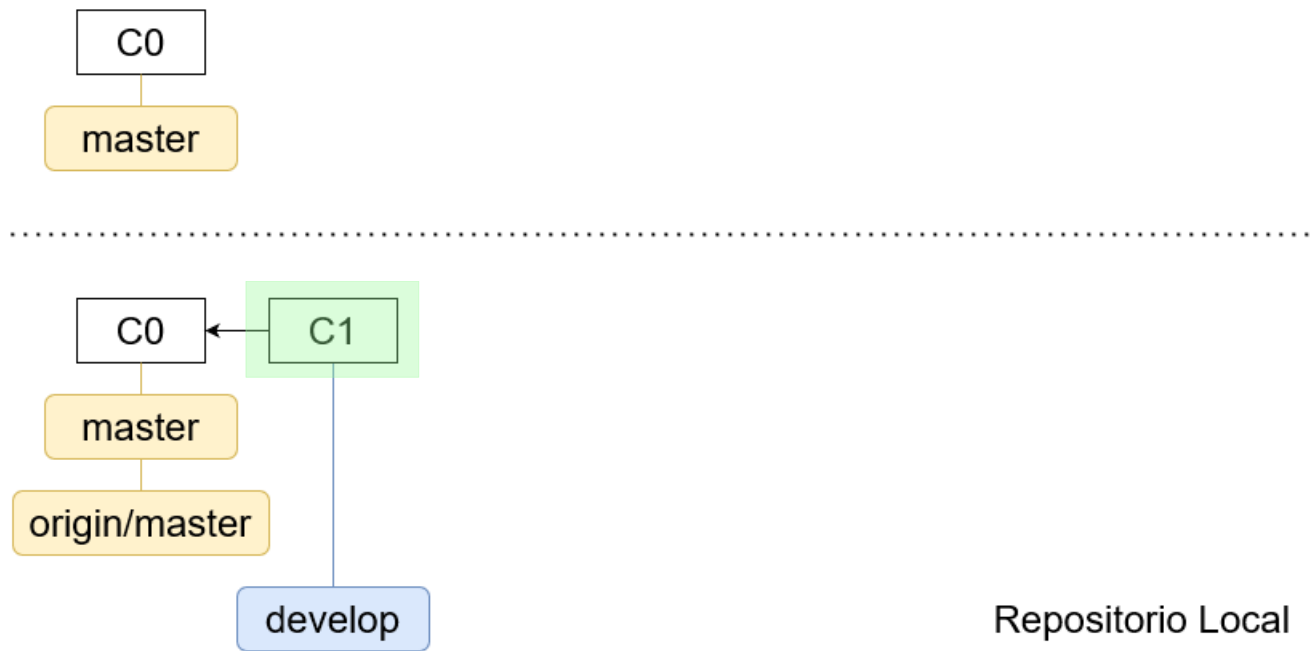
Repositorio Remoto



git commit



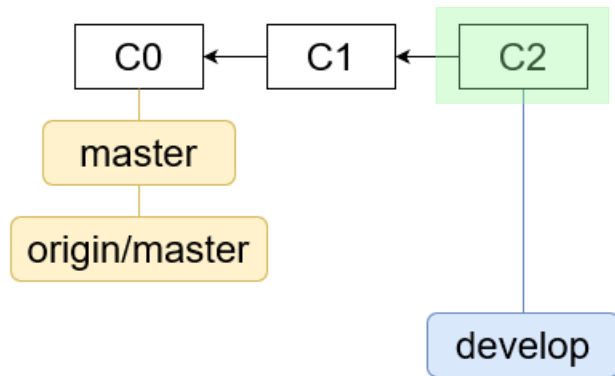
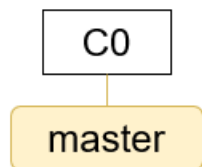
Repositorio Remoto



Repositorio Local



Repositorio Remoto

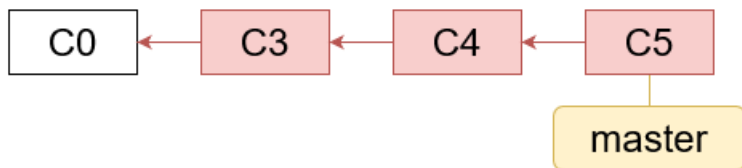


Repositorio Local

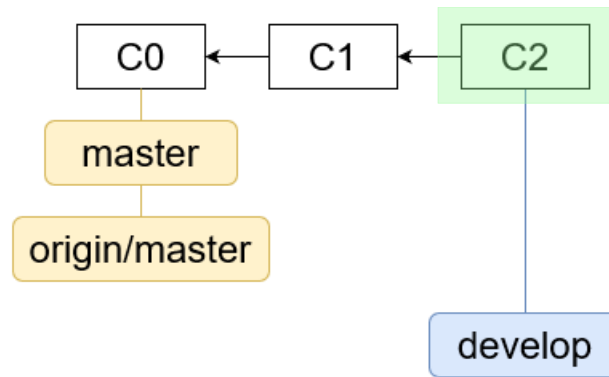
git checkout master



Repositorio Remoto



.....

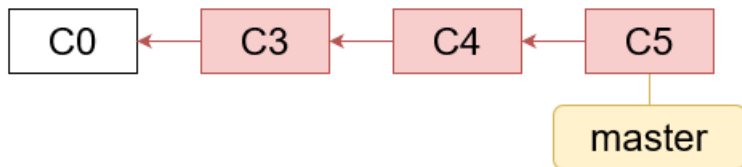


Repositorio Local

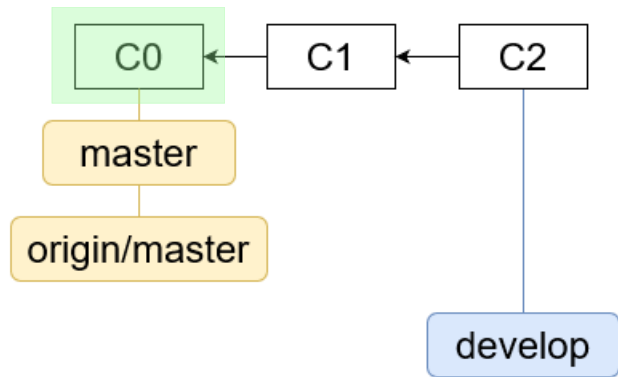
git pull



Repositorio Remoto



.....

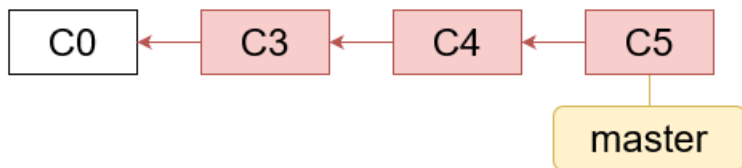


Repositorio Local

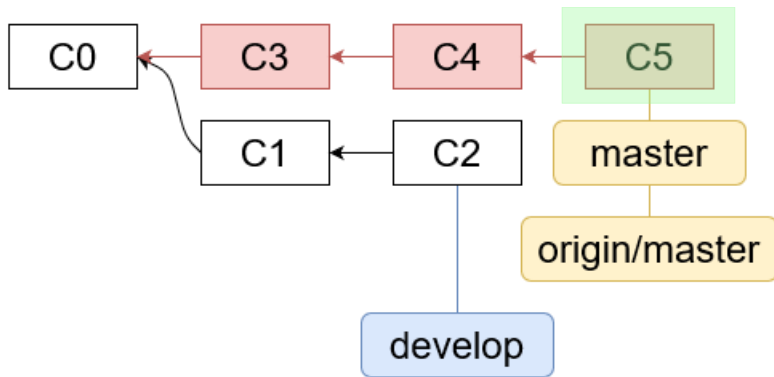
git merge



Repositorio Remoto



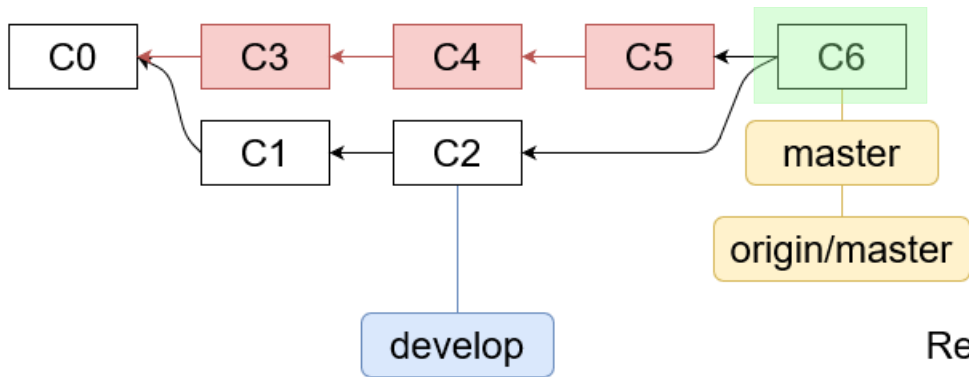
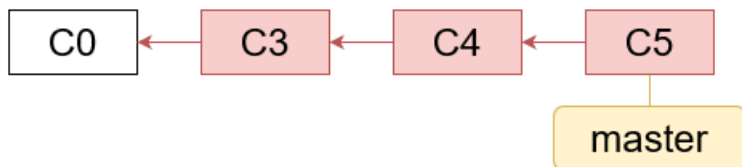
.....



Repositorio Local



Repositorio Remoto



Repositorio Local

pic_asm_ejemplo_2 : default

File Edit View Navigate Source Refactor Production Debug Team Tools Window Help

default

Files Ser... Cla...

main.asm x

pic_asm_ejemplo_2

Header Files

Important Files

Makefile

README.md

Linker Files

Source Files

main.asm

Libraries

Loadables

pic_asm_e... x main.asm - ...

pic_asm_ejemplo_2

Project Type: Application - Con

Device

PIC16F887

Checksum: Blank, no code

CRC32: Hex file unavailabl

Packs

PIC16Fxxx_DFP (1.1.23)

Compiler Toolchain

MPASMWIN (v5.86) [C:\Pro

Production Image: Optimiza

Memory

Usage Symbols disabled. Cli

Data 368 (0x170) bytes

Program 8.192 (0x2000) w

Debug Tool

Simulator

Click for Simulated Peripher

Debug Resources

Program BP Used: 0 Free:

Data BP Used: 0 Free: 100

Data Capture BP: No Supp

Unlimited BP (S/W): Simulat

main.asm

Asm Source

Histo

23 ;

24 ;**

25

26

27

28

29 ; R

30 mai

31

32

33 mai

34

35

36

37

38 ; S

39 togo

40

41

42 return

43

44

45 ; Fin del programa

46 ;

47 end

48

49

PC: 0x0 z dc c : W:0x0 : bank 0

How do I? Keyword(s)

gram

0 ; Vector de reset

n

- main *****

; No hay nada que inicializar

; Llam

; Super loop

e_bit *****

0100000' ; Pongo 1 en la posición a togglear

o,f ; dato = dato .XOR. W

; Vuelvo al programa principal

; Fin del programa

end

Show Changes

Diff

Add

Commit...

Checkout

Revert Modifications...

Show Annotations

Show History

Resolve Conflicts

Ignore

Patches

Branch/Tag

Remote

Revert/Recover

Repository

Shelve Changes

Disconnect...

Other VCS

History

Find Tasks...

Report Task...

Create Build Job...

Create Branch...

Switch To Branch...

Set Tracked Branch...

Create Tag...

Manage Tags...

Merge Revision...

Rebase...

Cherry Pick...

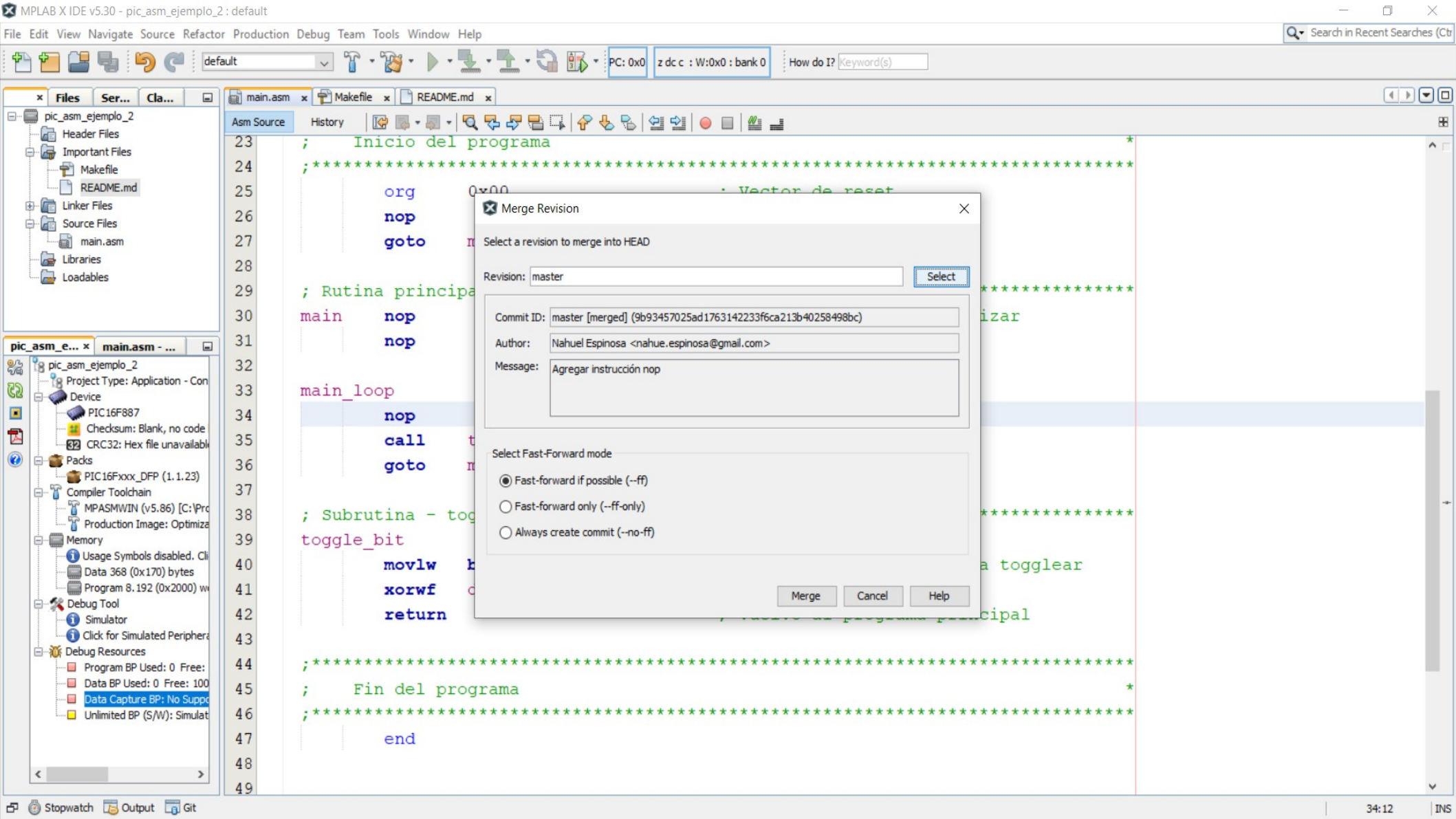
Stopwatch

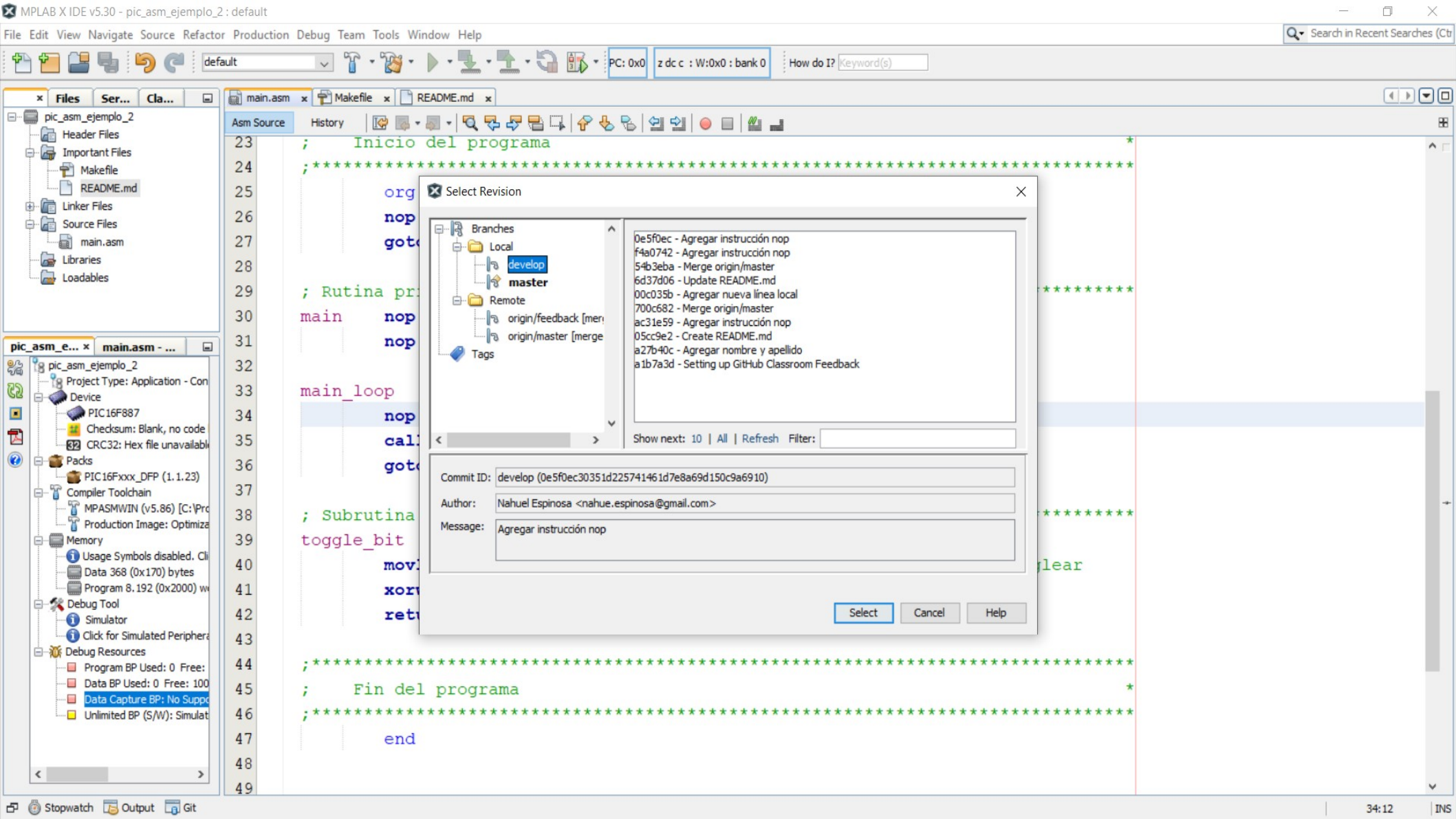
Output

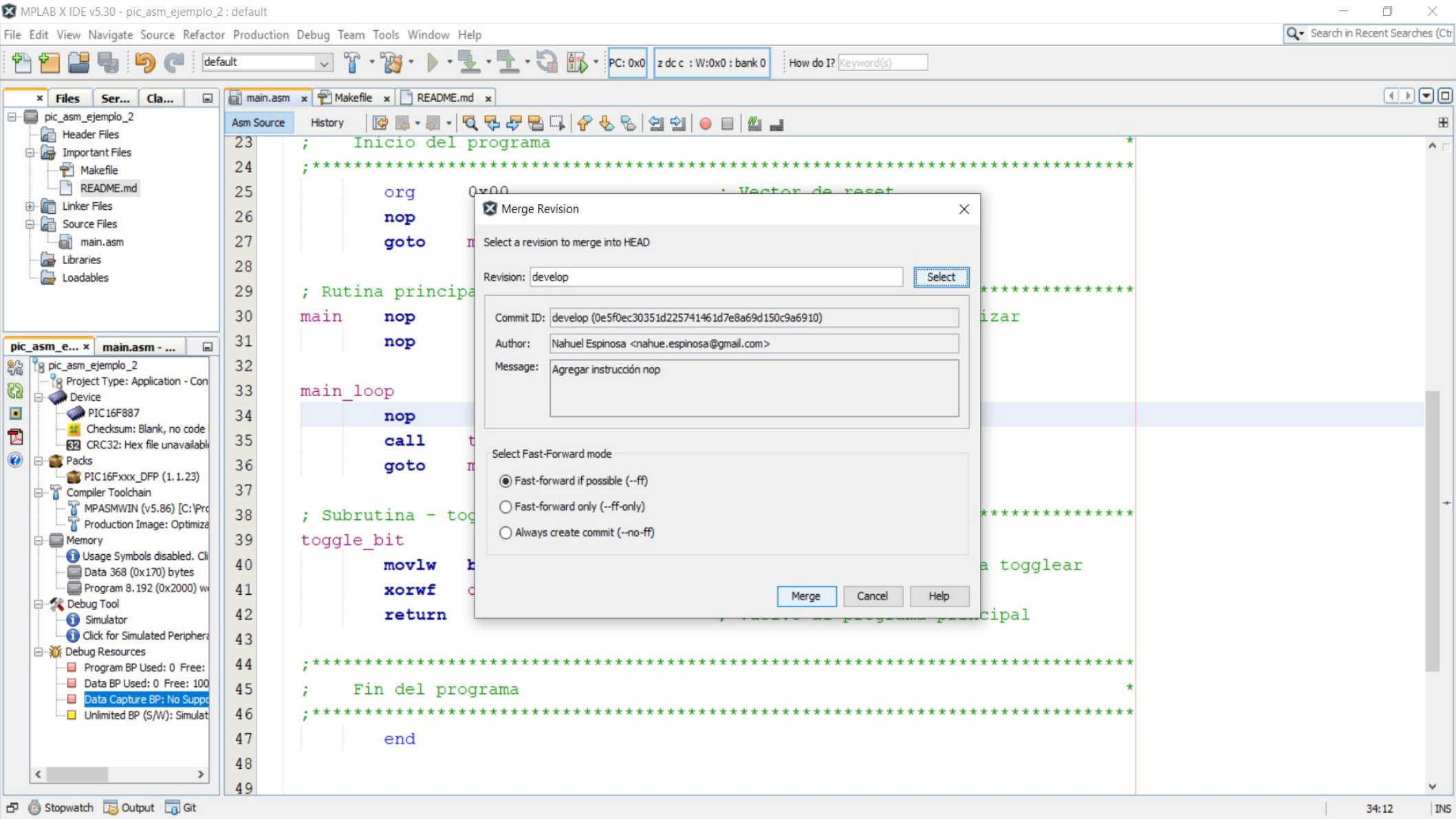
Git

34:12

INS







Recomendaciones

- Trabajar en archivos distintos
- Actualizar frecuentemente el repositorio local (pull)
- Trabajar en una rama local (develop)
- Siempre verificar en qué rama se está trabajando