



Software Crafters Barcelona

X EDITION #SCBCN23

UNIXcorn

Friends for life



PegaSO



PonIA





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X EDITION #SCBCN23

Introducción al pair programming

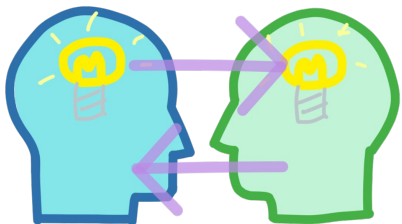
Elena Navarro & Josep Ma Rocamora

Disclaimer

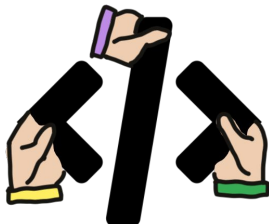
Introducción al pair programming

¿Por qué hacer Pair Programming?

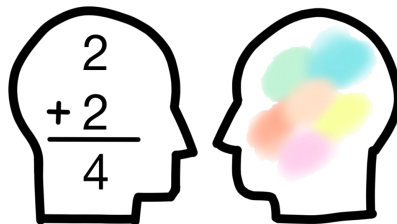
Ventajas



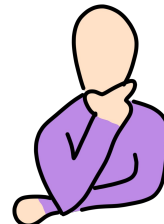
Compartir
Conocimiento



Propiedad del
código
colectiva



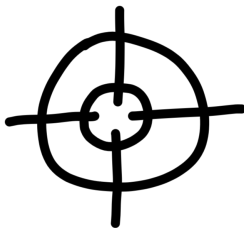
2 maneras de
pensar



Reflexión



Revisión de
código en el
momento



Foco



Mejora de la
calidad



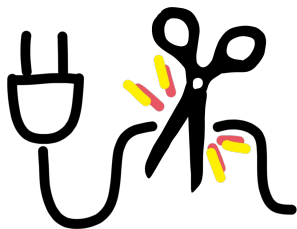
Team Flow

¿Por qué NO hacer Pair Programming?

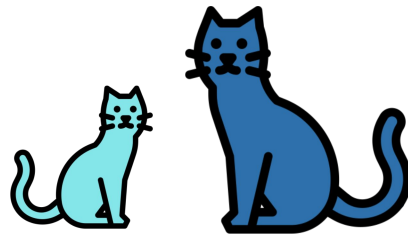
Inconvenientes



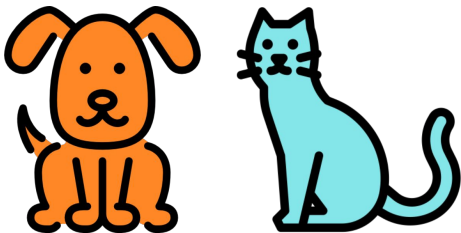
Estres



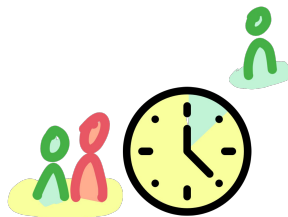
Interrupciones



Diferentes
niveles



Diferentes
habilidades



Tiempo para
una misma



Requiere
Vulnerabilidad

¿Qué es Pair Programming?

Write all production programs with two people at one machine ... Pair programming is a dialog between two people simultaneously programming (and analyzing and designing and testing) and trying to program better.

Extreme Programming Explained:
Embrace Change, Second Edition
Kent Beck, Cynthia Andres

¿Qué es Pair Programming?



Foto de [Alvaro Reyes](#) en [Unsplash](#)



Roles

Driver

Navigator



Roles

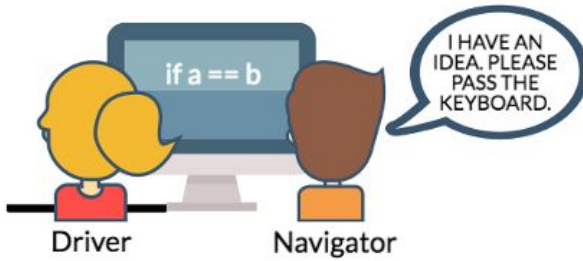
Driver

Ambos

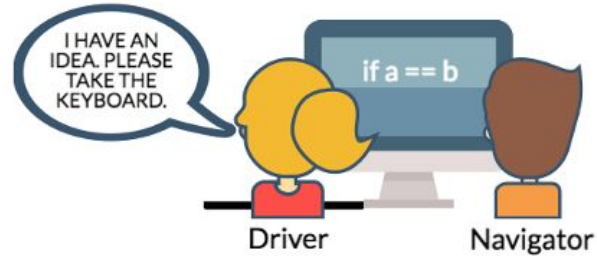
Navigator

- Hacemos una fila
- El primero toma un post-it y lo pega debajo de una columna (driver, navigator o Ambos)
- El siguiente escoge:
 - Tomar un nuevo post-it
 - Modificar el que ha puesto la anterior persona
- Repetir hasta que no queden post-it por colocar :)

Estilos de pair programming

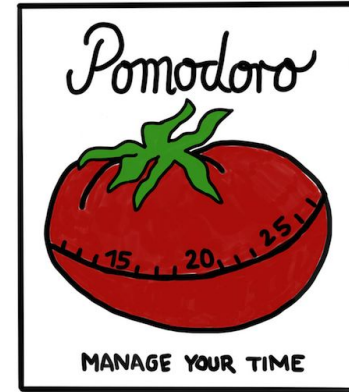
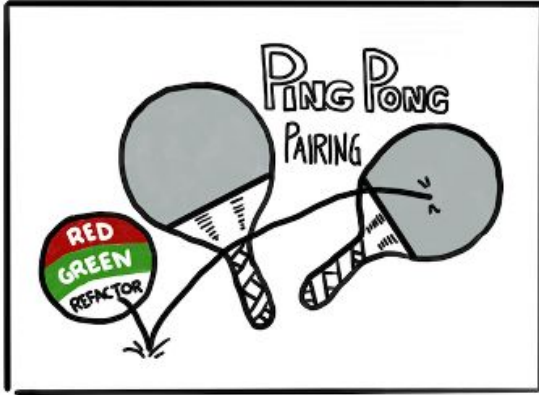


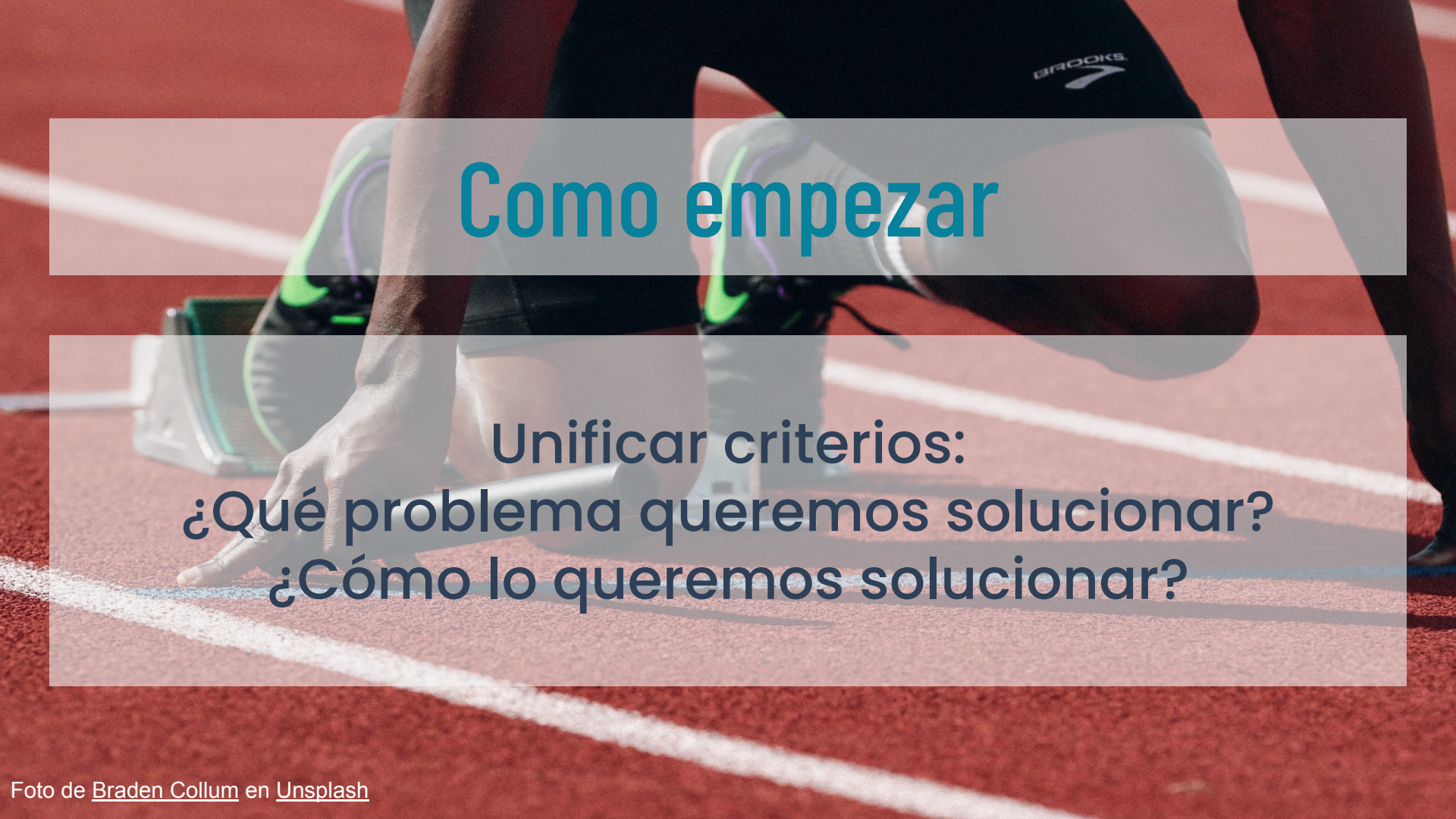
TRADITIONAL



"STRONG STYLE"

Estilos de pair programming



A close-up photograph of a runner in a starting block on a red track. The runner is wearing a black Brooks singlet and white socks with green accents. The runner's hand is on the starting block, and their foot is in the block. The background is a red track with white lane markings.

Como empezar

Unificar criterios:
¿Qué problema queremos solucionar?
¿Cómo lo queremos solucionar?

Con quién hacer pair programming

	Senior driver	Junior driver
Senior navigator		
Junior Navigator		

Con quién hacer pair programming

	Senior driver	Junior driver
Senior navigator		
Junior Navigator		

Con quién hacer pair programming

	Senior driver	Junior driver
Senior navigator		
Junior Navigator		

Con quién hacer pair programming

	Senior driver	Junior driver
Senior navigator	 A photograph of two people rappelling down a steep, rocky cliff face. They are both wearing helmets and safety gear, and appear to be in a celebratory mood with their arms raised.	 A photograph of the rear of a white car parked on a street. On the roof of the car is a sign that reads 'AUTO ESCUELA MAS' with a logo.
Junior Navigator	 A photograph of a man wearing a hat and a light blue shirt, holding a blue umbrella. He is standing outdoors and appears to be addressing a group of people, with one person in the foreground having their back to the camera.	 A photograph of several children playing in a wooden treehouse or play structure built in a tree. The children are looking out from the structure.

Con quien hacer pair programming

	Senior driver	Junior driver
Senior navigator		
Junior Navigator		

WARNING!!!
ANTI PATRONES

A photograph of two young women sitting together, looking at a laptop. The woman on the left is wearing glasses and a white t-shirt with a raccoon graphic. The woman on the right is also wearing glasses and a striped shirt. They are in a room with large windows in the background. A semi-transparent white box is overlaid on the left side of the image, containing the text 'Practiquemos' and 'Codewars Kata'.

Practiquemos

Codewars Kata

¡Hacemos las parejas!

¿Cuántos años de experiencia tienes programando?

¡Hacemos las parejas!

¿Cuándo fue la última vez que hiciste pairing?

Codewars Kata

Fizz Buzz Cuckoo Clock

<https://shorturl.at/ntBCV>

<https://www.codewars.com/kata/58485a43d750d23bad0000e6>



- 10 minutos entender que queremos hacer y cómo nos vamos a organizar.
- 20 min pairing
- Cambio de pareja
- 20 min pairing

Antipatrones

Keyboard hogging: quitar el teclado y ponerse a picar

Pair Affinity: trabajar siempre con la misma persona

Distractions: estar distraído

Pair absenteeism: durante la sesión desaparece y no vuelve / ausentarse durante el pairing abandonando al compi



Antipatronos

Passive pairing: no participa, solo asiente y no aporta

Pa(i)rtners in crime: aprovechar el apoyo del otro para hacer algo mal a sabiendas

Dictating pair: no dar pie a coger la opinión de la otra persona

Philosophical pairing: debatir sobre temas filosóficos, sin llegar a buen puerto



A photograph of four young men in a workshop or garage setting. They are gathered around a workbench, looking at something off-camera. The man on the far left is wearing a light blue patterned shirt. The man next to him is wearing a black baseball cap and a black t-shirt, smiling. The man in the center is wearing a dark baseball cap and a purple shirt, gesturing with his hand. The man on the far right is wearing a white baseball cap and a colorful patterned shirt. The background is slightly blurred, showing shelves and tools. A semi-transparent white banner is at the top, and a semi-transparent grey banner is at the bottom.

Reflexiones

Como ha sido la experiencia?

Call to Action

¿Qué te llevas de esta sesión?



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Muchas gracias :)



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Referencias

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- <https://www.youtube.com/watch?v=McZ131y0OYU>
- <https://www.thekguy.com/2-tips-to-make-pair-programming-less-scary.html>
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