GT debugging

Monthly meeting 3
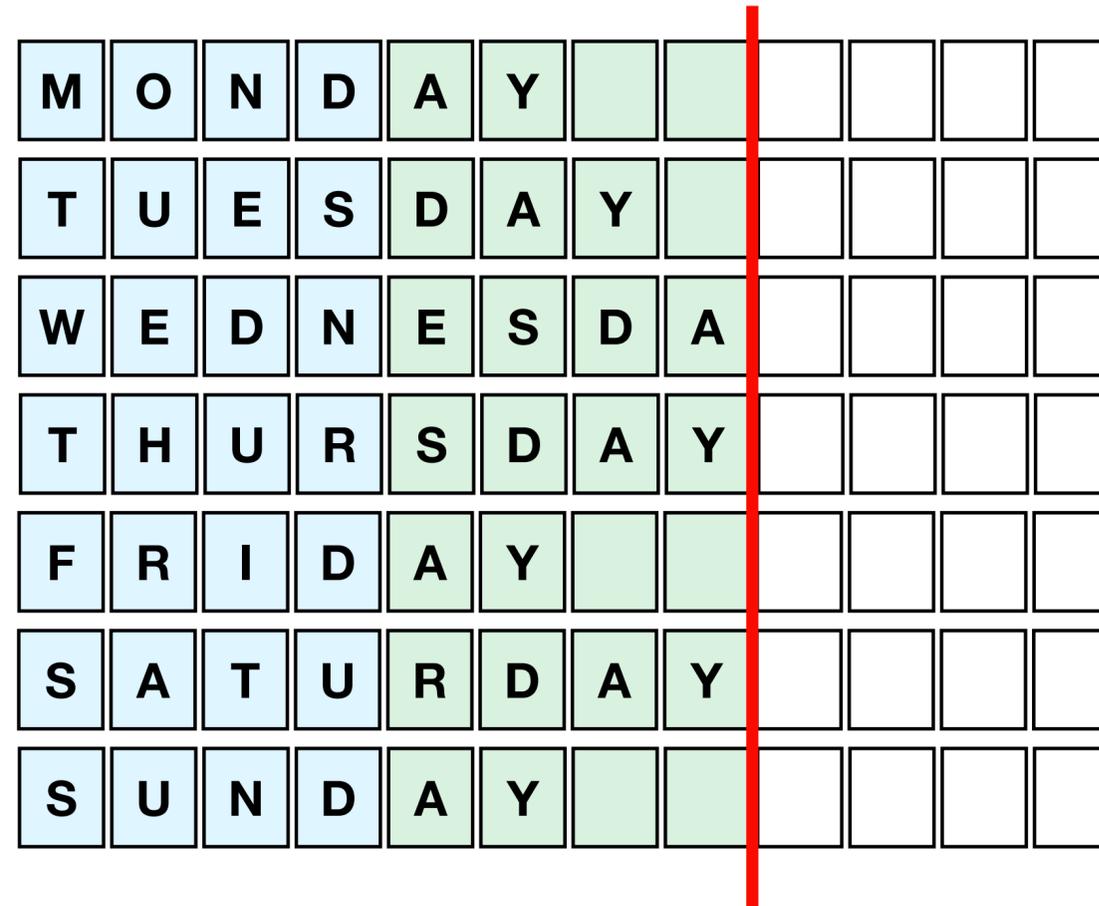**7 juillet 2021**

Steven Costiou, Benoît Combemale

Histoires de bugs - épisode 3
Only Wednesdays

- A program was only working properly on wednesdays…

- **Documentation stated that day of the week was returned in a doubleword — 8 bytes**

M	O	N	D	A	Y						
T	U	E	S	D	A	Y					
W	E	D	N	E	S	D	A				
T	H	U	R	S	D	A	Y				
F	R	I	D	A	Y						
S	A	T	U	R	D	A	Y				
S	U	N	D	A	Y						

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T	H	U	R	S	D	A	Y				
F	R	I	D	A	Y						
S	A	T	U	R	D	A	Y				
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- **Unfortunately, those 4 additional bytes were also used to store another character «y» to compare with user answers!**

  - This value was wiped out 6 days out of 7

  - On Wednesdays, the value was stored in its correct place because it is the last character of «Wednesday»

M	O	N	D	A	Y			Y			
T	U	E	S	D	A	Y		Y			
W	E	D	N	E	S	D	A	Y			
T	H	U	R	S	D	A	Y	Y			
F	R	I	D	A	Y			Y			
S	A	T	U	R	D	A	Y	Y			
S	U	N	D	A	Y			Y			

Programme - meeting 3

Présentation (~20-30min)

Pierre Laborde, Éric Le Pors, Thales DMS (Brest)
"Prototypage IHM pour la défense : déboguage et correctifs distribués à chaud et sans interruption de système collaboratifs en cours d'exécution"

Discussion libre (~15min)