GT debugging
Monthly meeting 3
7 juillet 2021
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

```plaintext
MONDAY
TUESDAY
WEDNESDAY
THURSDAY
FRIDAY
SATURDAY
SUNDAY
```

My Hairiest Bug War Stories,
Mark Eisenstadt, 1997
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• But as Wednesday is 9 characters long, the system was expecting a three words array — 12 bytes

• 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»
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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)