

Raphaël Saint-Pierre, Tools Team Leader – Ubisoft

FRICTION-FREE BUG REPORTING

SPEND TIME WHERE IT MATTERS



GAME DEV → BUGS





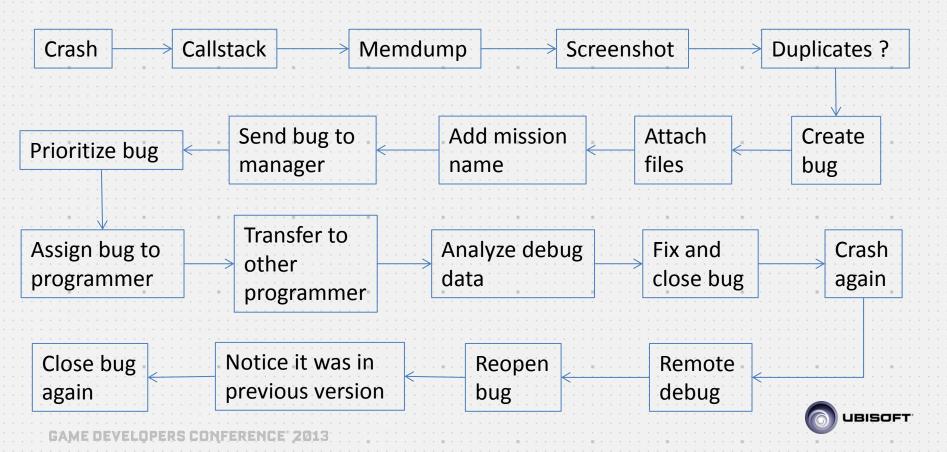


EXPECTED WORKFLOW





REAL WORKFLOW



CRUNCHY NUMBERS

20 000 unique crashes

200 000 occurrences

100 000 other bugs

300 people



Somehow, some most bugs get fixed



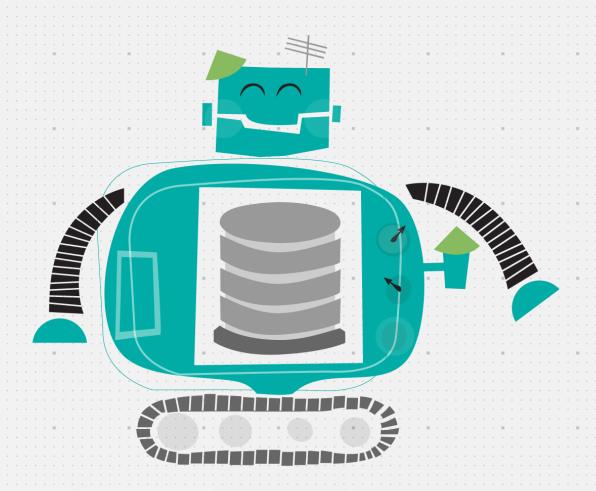
and the game gets shipped.





Our secret?





Integrated reporting platform





PREREQUISITES

Issue tracker

Processing and data storage

Debug info, symbols

Source control

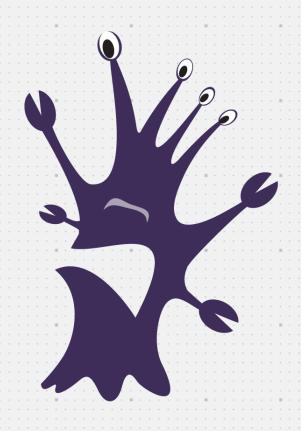




REPORT

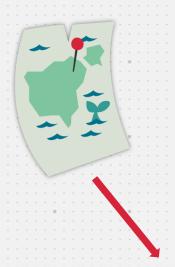








GAME DEVELOPERS CONFERENCE® 2013:





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TRACK BUG







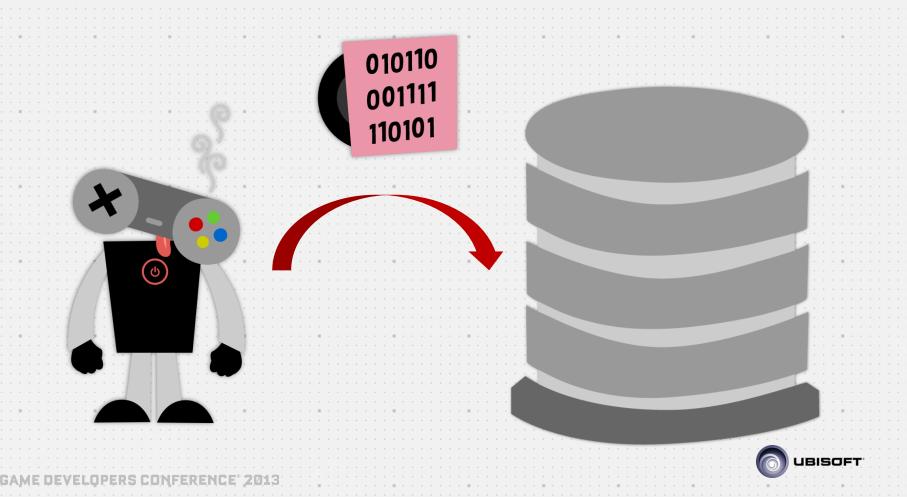
Assert Assert detected in\common\facade\gamefacade.cpp on line 1 50



Continue Break

Report sent to reporter at mtl-wks-ag024.mtl.ubisoft.org:11235





WORKFLOW RECAP





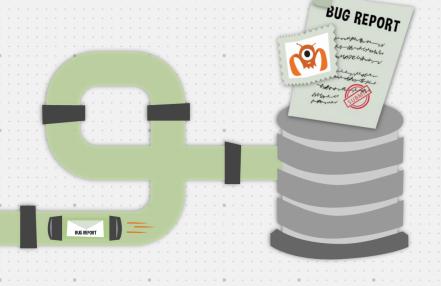


INVESTIGATE



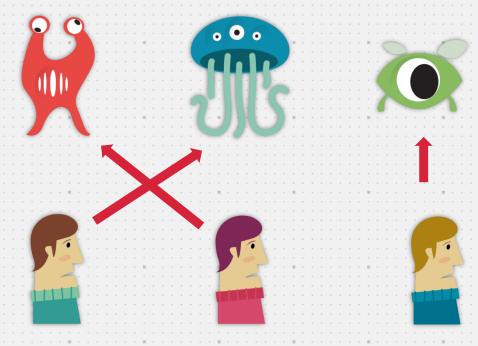
AUTO-FEEDBACK



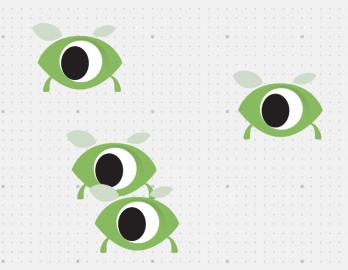




AUTO-ASSIGN BUGS

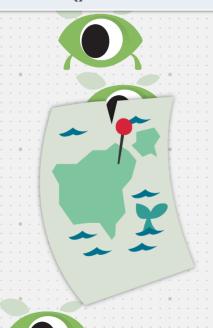






PREVENT DUPLICATES





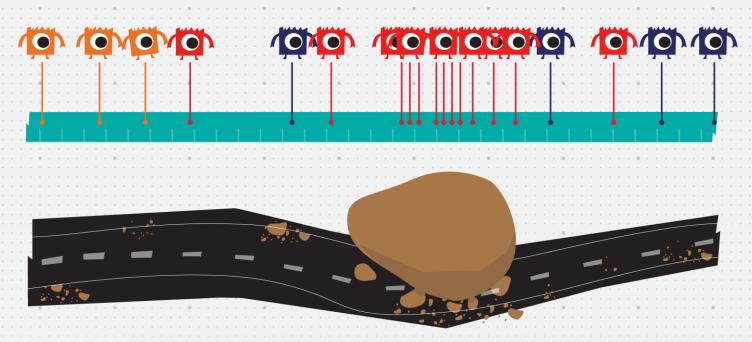


PREVENT DUPLICATES





IDENTIFY BLOCKERS





REMOTE DEBUG



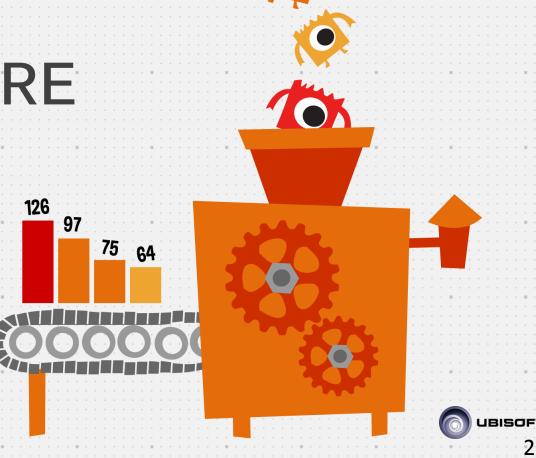




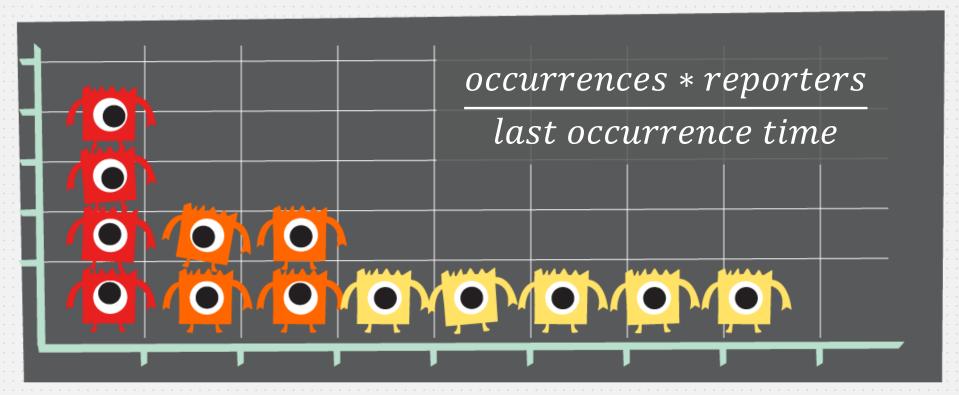




GET THE BIG PICTURE



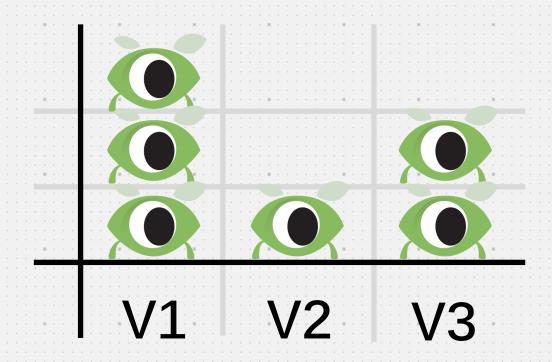
PRIORITIZE



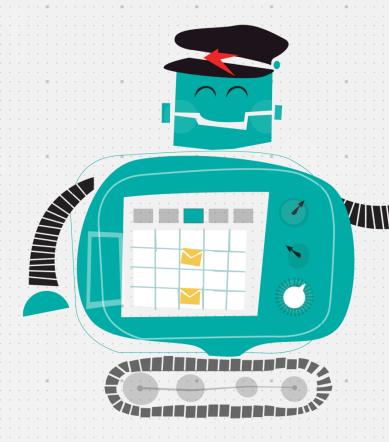




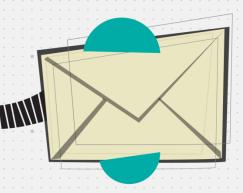
TRACK VERSION STABILITY







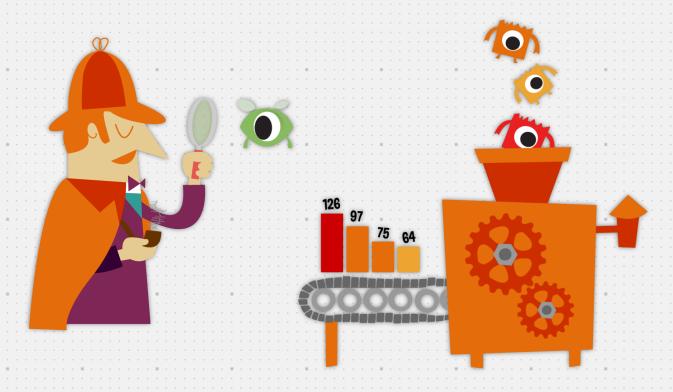
WEEKLY REPORTS!



DAILY DIGESTS!

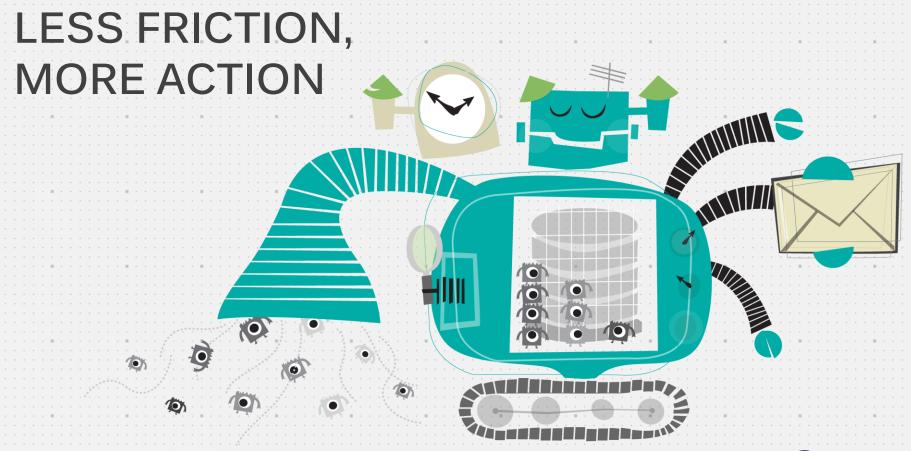




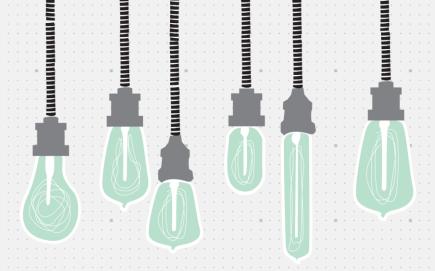




Crash reporting workflow







MORE IDEAS?

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