

Beat it. A Retrospective of Need for Speed: Hot Pursuit

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Criterion games







Hello!



Criterion Games



10 Years. 7 Titles. 50m Players.



Criterion Games

CORE PILLARS ACCESSIBILITY INTENSITY QUALITY CONNECTED INNOVATION



What are you doing here?

- Taking you behind the curtain on Criterion's 2010 Need for Speed: Hot Pursuit.
- Showing you how Autolog* was great and why you should build more asynchronous gameplay into your games. (*That's the bit I worked on ©)





Why revisit Hot Pursuit?

- Focused, well executed core.
 - Huge budget AAA struggling with huge, sprawling scope
 - Hot Pursuit's Clarity, Focus & Execution still stand tall today.
- Let's talk Autolog.
 - More than just rivalries & friends' Leaderboard
 - Async play that puts friends before strangers
- Lessons still apply today.



Hot Pursuit Refresher

Exotic Cars. Epic Drives. Cops.

- Arcade Racing
- Play as Cop or Racer
- Exotic Licensed Cars
- 14th entry in Need for Speed
- Dual Cop/Racer event progression
- Racing, Chasing, Weapons, Takedowns, Boost
- XP based ranking system on each side
- XP unlocks Vehicles (56 Racers / 50 Cop cars)
- Autolog Connect. Compare. Compete. A suite of connected social features and personalised Recommendations based on how your friends play.







A LITTLE OVER

6 YEARS

AGO ...



Criterion does Need for Speed

PILLARS



Exotic Cars



Epic Drives



Cops

...back to it's roots



+ Criterion Special Sauce

Beautiful Vehicle Control

Cinematic Spectacle

Friends at the heart of the game



Friends at the Heart

- Play with/against real people offers longevity
 - A player won't learn the patterns of a human opponent
 - No limit to a improving your skill (unless you're world #1)
 - Synchronous Online Multiplayer is one way to achieve this
- Play with/against Friends is more memorable
 - Interactions are more meaningful when attributed to someone you know it's more fun with mates.
 - Competition can spill over into real world conversations



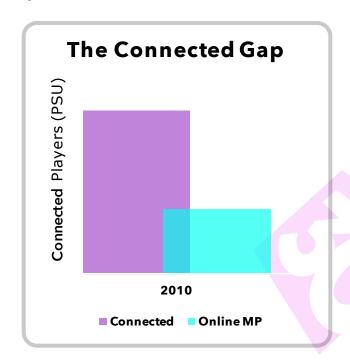
Friends at the Heart

...But real friends lead real lives - it's hard to co-ordinate to be online at the same time



Mind the Gap

- More players connected, but not playing multiplayer.
- Synchronous Online isn't the only way to interact with other players





Asinkro-wha?

Synchronous







Asynchronous











DISCOVERING AUTOLOG



Autolog v1: Friends in the Game

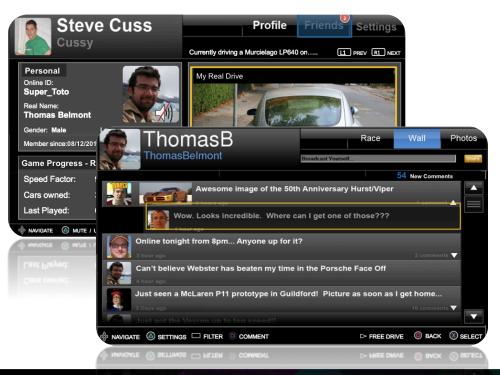
Getting social on console

- In 2009, Console social features were limited
- Most players < 2 friends
- We wanted Friend Discovery, to make it easier to find friends
- We wanted Sharing,
 Commenting, Profile pictures





Autolog v1: Friends in the Game



Built in Web:

- Same functionality available out of game.
- Rapid Prototyping worlds ahead for iteration speed.

Social Fundamentals:

- A social network, a personal profile, a wall
- Sharing photos 'Dreamshots' & 'Realshots'
- Growing friends network



Automatic Story Generation

- Human Stories
 - Game Actions -> Human stories
 - Game mode Feeds
 - Aggregated multiple events
 - Timelines
- Relevant Comparisons
 - Tracking leaderboard changes
 - Adding flavour with rich Stats:
 - Vehicle used, # Attempts, when record was set



Play It. Direct from the Feed.

- Call to action.
- Shortcut directly to the event.
- Web driven event starts. We put them everywhere.





The RAPID RESPONSE Feed

- Each event attempt was recorded.
- Actions tracked, comparisons made, shared back to a player and out to their friends.
- A feed per event type, split by Cop or Racer.





- Hooray! We've created Need for Speed: Social ☺
 - The game was presented through the lens of a social network
 - Loads of features to share the story of how you & your friends play the game
- Who wanted Need for Speed: Social?
 - Engaging, but not fun.
 - Feature Creep. Signal to noise ratio was hiding the fun.



Autolog v3: Beat It.

- How are these Social Features in service to the Game?
 - We took the automated feed & curated it. Automatically.

- Most compelling motivation: Someone Beat You.
 - '[A Friend] Beat You' became play Recommendations
 - Be Faster. Time is the most natural comparison.
 - Rich stats and comparisons used to flavour every choice.



Autolog v3: Beat It.

- Dedicated Recommendations Feed
 - Every Recommendation worded as a BEAT IT
 - Balanced Signal:Noise ratio never more than 5 cop & 5 racer recommendations
 - Prioritise Fresh BEAT YOU stories

- New, responsive UX
 - Rebuilt Website as Web-driven, Console oriented UX



ANATOMY OF A SESSION



LNE. CONNECTED FRONT END

Social Functionality, simple UX

CONNECT.

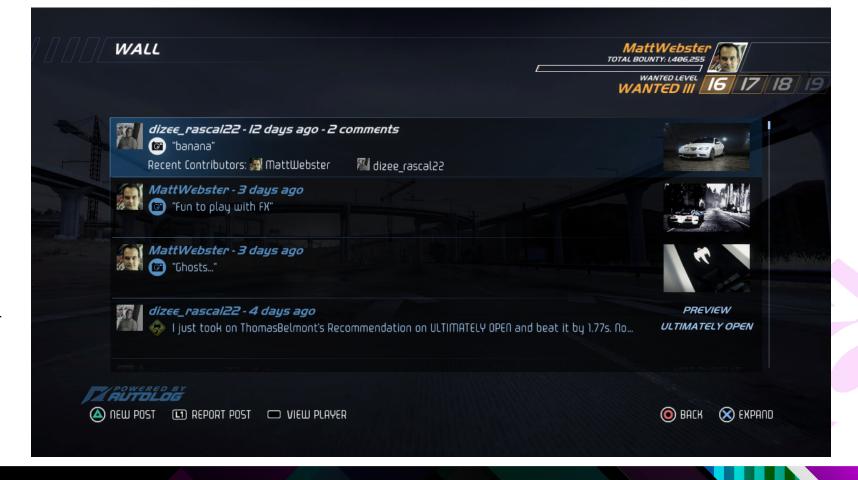




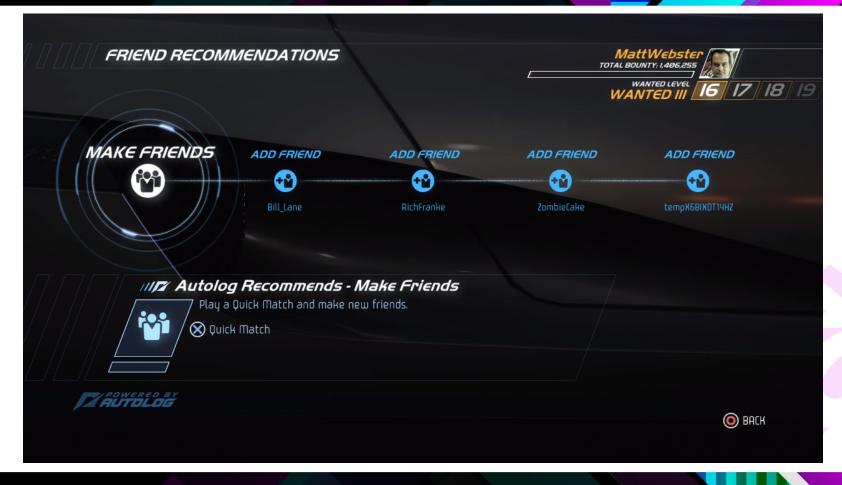












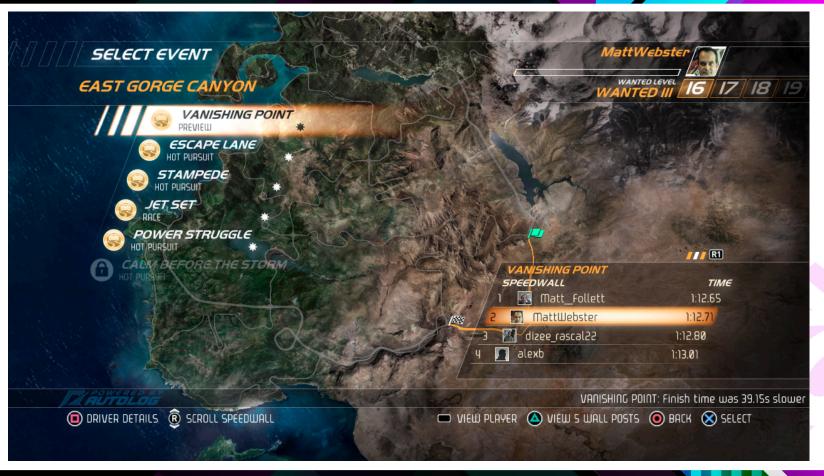


FRIENDS AT THE HEART OF THE GAME

Friend comparisons everywhere

COMPARE.

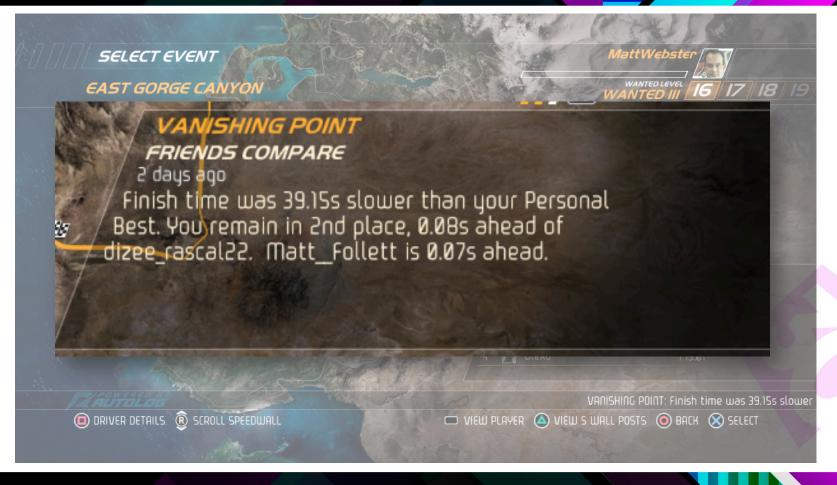






























THE RECOMMENDS LOOP

Nudge for Competition and see it through

COMPETE.

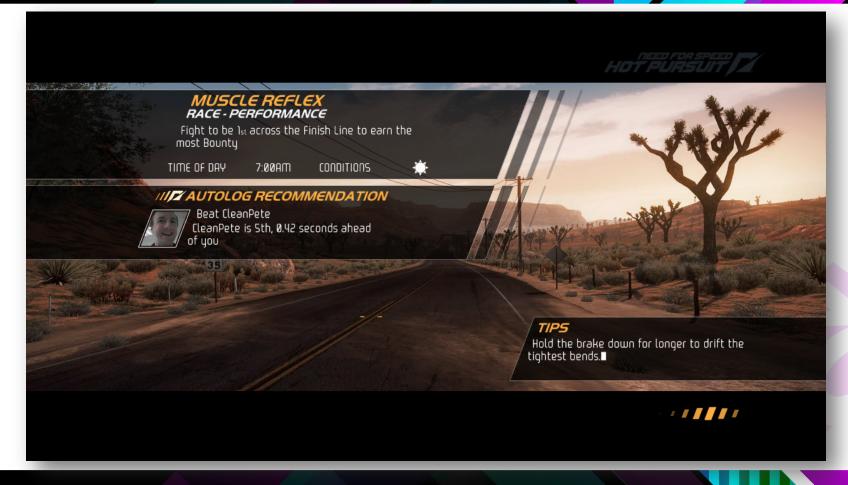
















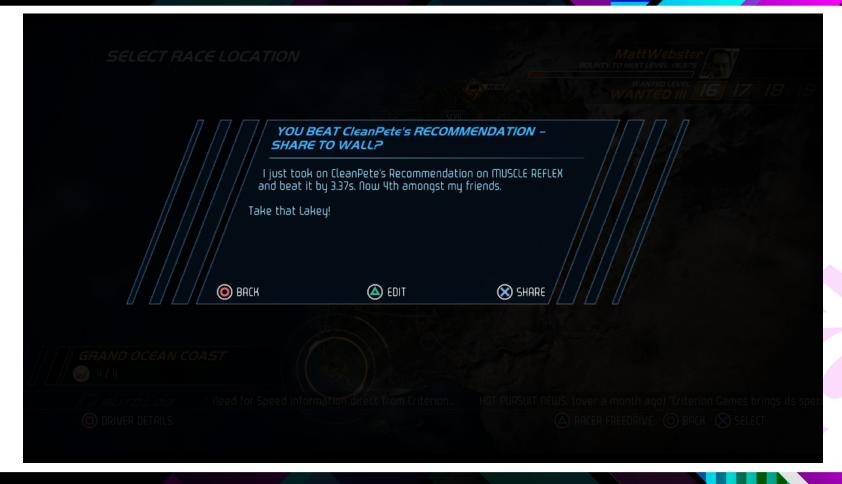


















THE OUTCOME

Reception.

- "Did Hot Pursuit's Autolog Just Save the Racing Genre?" Kris Graft, Gamasutra
- "Hot Pursuit's new competition engine is one of the coolest additions to game design in a long time" - Ryan Geddes, IGN
- "Closes the gap between single-player & multiplayer experiences like no other game before it." - Nick Chester, Destructoid
- "...creates a beautifully seamless sense of competitive multiplayer action, even if you're never all online at the same time" Keith Stuart, The Guardian



Quality



At Launch was the highest rated* Need for Speed game



Data.

- 45% of events were started because of a recommendation
- On average, a player took 5 attempts to beat a recommendation
- 17% of event starts were through the Autolog Recommends page



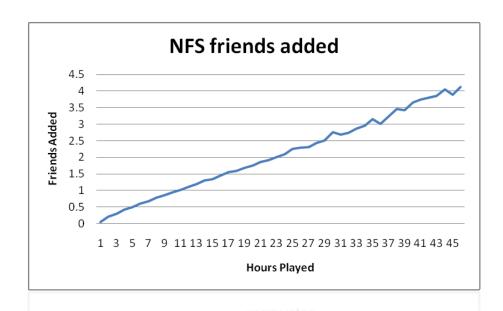
More Data.

- The most competed over event was Vanishing Point
 - Low barrier to entry early in the progression
 - Simplest of tracks two turns to really master the vehicle
 - Looked Amazing
 - 'Preview event' Showcased fast, fun car with depth of handling (Pagani Zonda)





Data Data Data!

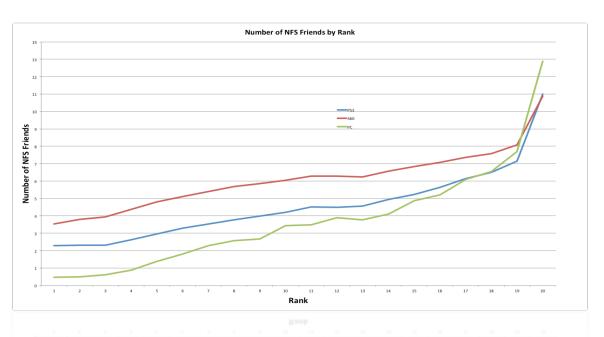


A straight line?

- The longer players played, the more NFS friends they had.
- The more NFS friends a player had, the longer they played.



But wait, there's More! Data.



 Even after reaching the top rank, players kept adding friends, squeezing further play through Autolog



Trash Talk

- Real world impact
 - Competition spilled over into real life.
 - People continuing the conversations the game started for them



Tom K. @TheCapnAwesome · 6 Jan 2011

@jwDriggs How in the world did you get 8.56 seconds on that **Hot Pursuit**?? I must have tried 50 times to **beat** you! **#Autolog** #HotPursuit



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iamadamsullivan @iamadamsullivan · 30 Oct 2010

NFS: Hot Pursuit's Autolog is going to be really addictive-@RJFestejo and @MvdMbladiebla you have some times to beat! ;)







0.01



MC Powers @BoothNinja81 · 1 Dec 2010

a fellow racer **beat** 4 of my NFS **Hot Pursuit** times. I promptly logged on and slapped him down in all 4 events. love. this. game. **#autolog**







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Scary SpaceSlug Levi @LeviTriumphant · 12 Feb 2011

Asynchronous gameplay is my ideal method of multiplayer. Console games need to get on that tip. (Hot Pursuit was a nice start) #autolog #dog







...



Numbers.

To date, over

10 Million

players served.

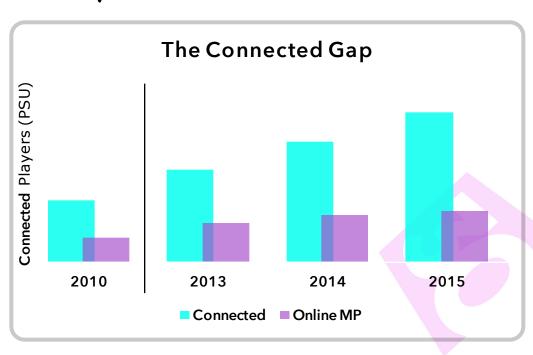


TODAY



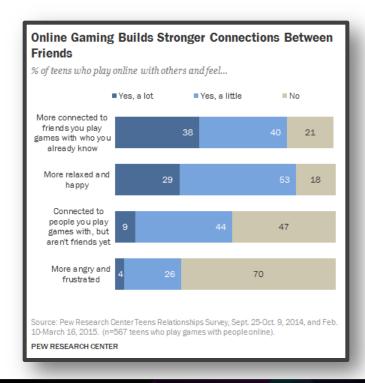
Mind the Gap (still)

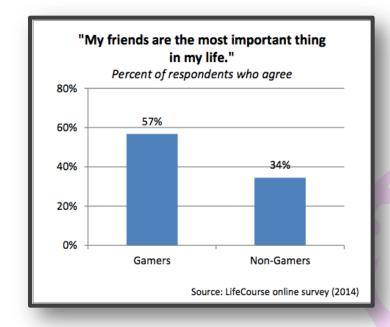
 More Players are Connected, but the synchronous gap still exists.





Real Friends still Better





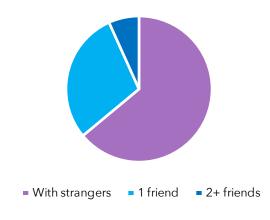


...but still get hard to friends together

Still hard to all be online at the same time. Even harder with regular patches & updates!

Majority of players are playing synchronous online with Strangers







The Opportunity is still there

- Async play with friends drives engagement & enjoyment.
 - More approachable & accessible than Online Multiplayer
 - Interactions with Friends more Meaningful
- What other types of Asynchronous social play are there?



Async Play on Console

- The Race is on...
 - Need for Speed: Most Wanted
 - **Forza** Drivatar
 - Drive Club Rewards & Challenges
 - **Real Racing** Physical Ghosts





Async Play on Mobile

Mobile

- Iterative releases with Telemetry about how people play
- Accessible, short & flexible playtime, Synchronous never worked well
- All the friends are right there in the Contacts
- Always connected. Can always give a 'nudge'



















Async Play in Tabletop

- Board Games
 - Social mechanics Trust, Deception, Peer pressure, Collaboration





Play play play!

- Play everything. Try everything. Think invention, not evolution.
- Use real world conditions.
 - Don't just test all sitting together, at the same time.
 - Playtest across multiple sessions
- The Connected Gap represents a huge space for Innovation.



In Summary

- Autolog focused & intensified the core of Hot Pursuit
 - Hot Pursuit is a pure arcade racer, with Criterion Special Sauce
 - In 2009, we saw Asynchronous play as a big opportunity
 - The game automatically generated rich comparisons with friends
 - We pared it back to BEAT REAL FRIENDS, amplifying the core racing experience
- The outcome was people were adding more friends, and playing with real friends, with more replay value



In Summary

- The Connected Gap is still there
 - More players are online, but still not playing synchronously
 - There's great Async play out there, but not much on console
- Get Social, invent new asynchronous Mechanics
 - Big opportunity, primed for breakthroughs



BEAT IT





...but first

QEA

Criterion games



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