

INTRODUCTIONS!

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BEST

•Made these:



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NTO THE NEERNO

ROGH

7-

WHAT THE HELL IS THIS ABOUT?

- Like a post mortem... kind of
- Lots of crazy random design points about Jetpack Joyride
- More than I can fit into an hour!



CHAPTER #1: A GAME IN 4 WEEKS

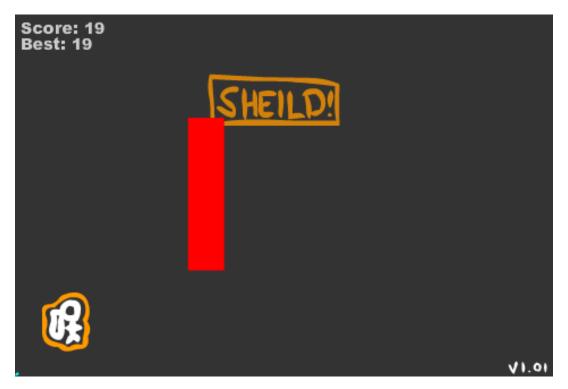
4 WEEK GAME?



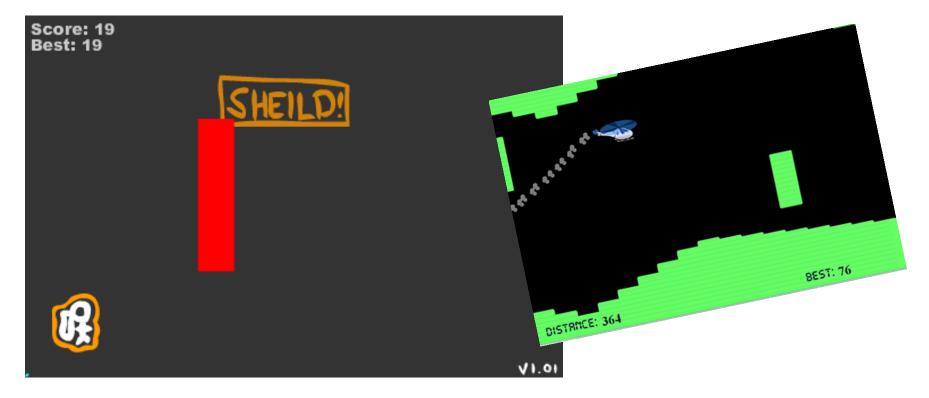
GOALS / PILLARS

- 1 Button
- •Super accessible
- •Ad break play
- •Depth for the hardcore's

THE PROTOTYPE



THE PROTOTYPE



CHAPTER #2: IT BEGINS

PREFACE: JSI / RSO

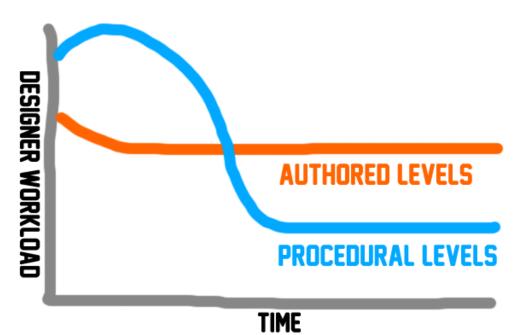




PROCEDURAL LEVEL GENERATION

•<3 Levels</p>

•Only designer on 2 projects = time poor



TYPES OF ENTITIES

ZappersCoins

Lasers

Missiles

Tokens

Vehicles

Rotating Zappers

•Coin Streaks

Missile Streaks

INTERVAL SYSTEM

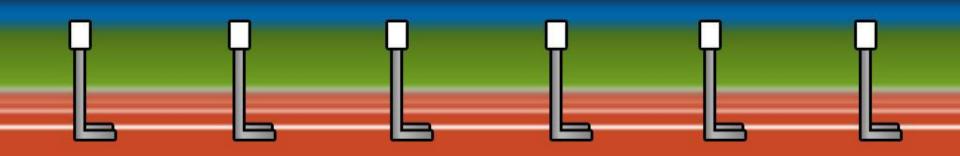
•Everything is placed by the interval system.

•Every entity type has a probability of occupying next slot.

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INTERVAL SYSTEM

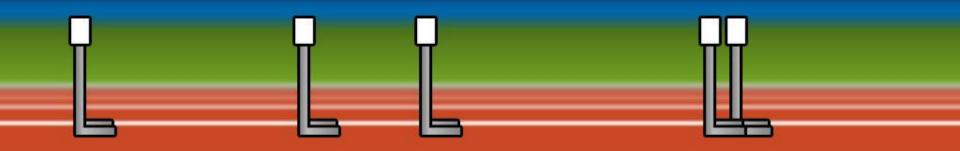
REGULAR INTERVAL



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INTERVAL SYSTEM

TOTALLY RANDOM INTERVAL



INTERVAL SYSTEM

MIN / MAX INTERVAL



MAXIMUM INTERVAL LENGTH



MIN INTERVALS = UNFAIR



MIN INTERVALS = UNFAIR



UNFAIR GAME IS UNFAIR



COSTS OF FAILURE

•Time lost

•Feeling of failure

Friction on starting again (retry loop)

TIME LOST









MISSION COMPLETE

Collect 400 coins in one Game.

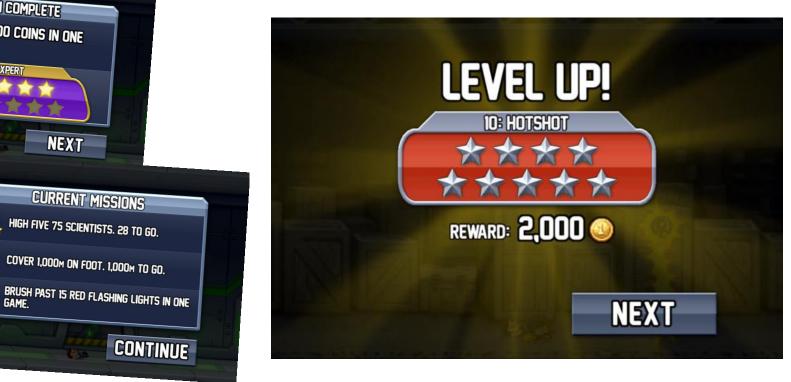
11: EXPERT

NEXT

CURRENT MISSIONS

High five 75 scientists. 28 to go.

Cover 1,000m on Foot. 1,000m to go.



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RESTART FRICTION



CHAPTER 3: TESTING TIME

CHRISTMAS 2010





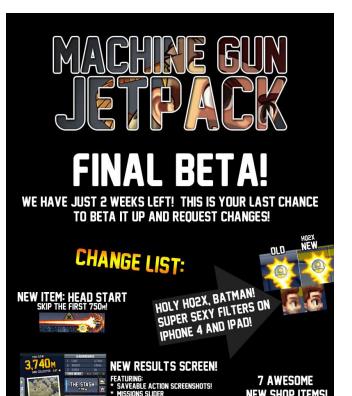
CHRISTMAS 2010



PLAYTESTING NINJA STYLES



- * ADDED CATEGORIES AND PROGRESS TO 'MY STUFF'



PLAYTESTING NINJA STYLES



REVELATIONS

•Became obvious that this game needs more time.

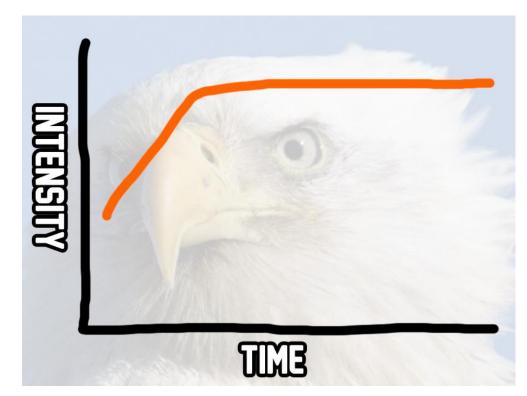
•Releasing a free, half assed game seems like the wrong move after Fruit Ninja.

2 PROBLEMS...

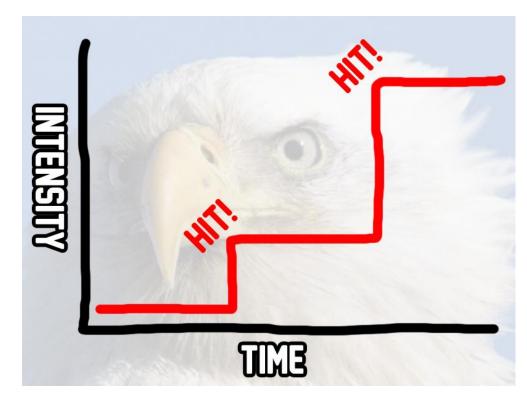
•Feels hard, and super intense... No low points in the pacing, always one step away from death.

•Not enough variety. Players burning out fast.

PROBLEM 1: INTENSITY



3 HEARTS INTENSITY



COD STYLE INTENSITY



PROBLEM 2: VARIETY

How do we add more variety?

PROBLEM 2: VARIETY



PROBLEM 2: VARIETY

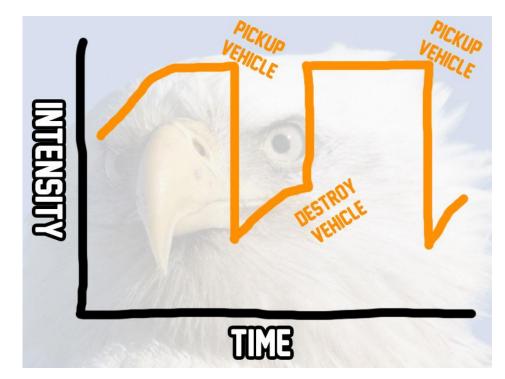
What if we change the controls...?

People HATE it when you do that...

NEW CONTROLS



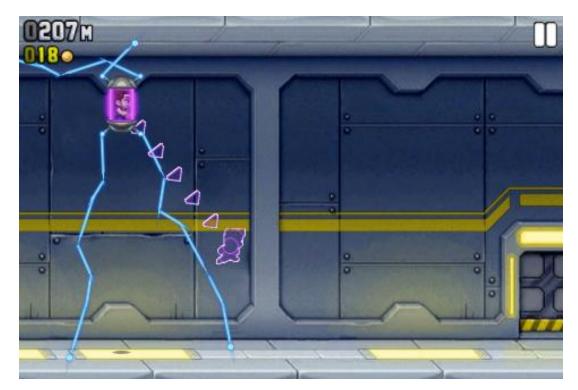
NEW PACING STRUCTURE



GREAT SUCCESS

- •Pacing = better
- •Variety = better
- •More explosions = more better
- Game had a big injection of character
- Player's quickly developed favourites

HOW DUMB CAN WE BE?



EASING IN AND OUT

First big play test = last years GDC!
People would often make critical mistakes in close proximity to control changes.

EASING IN AND OUT



EASING IN AND OUT



HOW MANY?



CHAPTER 4: STICKYNESS

FOUNDATION FOR EXPERIMENTATION



NEW GOALS / EXPERIMENTS

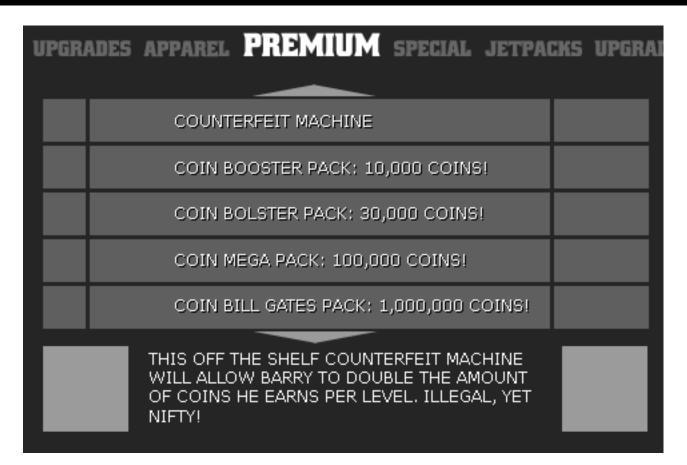
- Make an ultra sticky game
- Try out some IAP / economy type stuff
- Learn stuff that we don't know much about!

THE SHOP!

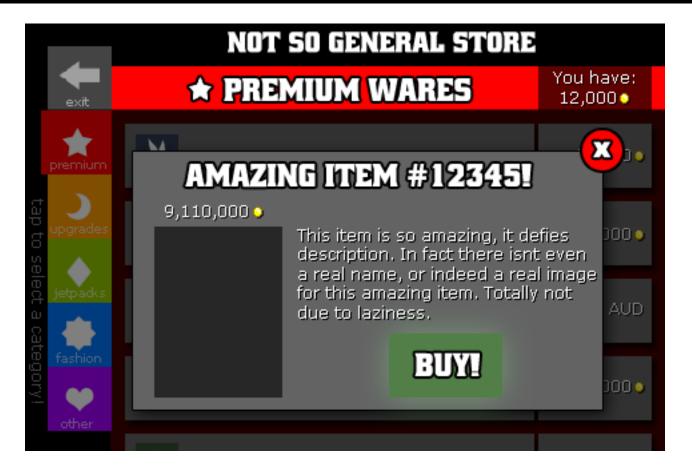
- Provide incentive for the player other than 'beat my friends'
- Allow players to express themselves!

| HISTONE SHIFT | | | | | | |
|---------------------------|-----------------------|--------------------|--------|--|--|--|
| WALLET: \$320 | | HEADWEAR | | | | |
| | V | Toupe | \$10 | | | |
| | 1 | PIMP HAT | \$30 | | | |
| | | STACK HAT | \$30 | | | |
| TUP HAT S200 Selvy, | | BALD CUT | \$100 | | | |
| | $\boldsymbol{\Sigma}$ | TOP HAT | \$200 | | | |
| | A. | PUNK | \$1000 | | | |
| | | JET PACKS | | | | |
| | | FIGHT JET PACK | \$100 | | | |
| BACK | V | SHARK PACK | \$2000 | | | |
| | | STEAM POWERED PACK | \$3000 | | | |





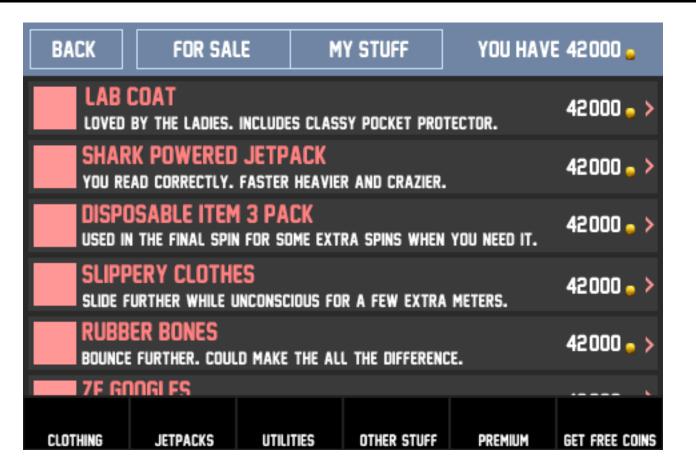
| NOT SO GENERAL STORE | | | | | |
|----------------------|--|-----------------------|--|--|--|
| exit | ★ PREMIUM WARES | You have: 12,000 ● | | | |
| coins | SHARK POWERED JETPACK! | 12,000 🔉 | | | |
| | STANDARD ITEM #12345 | 9,110,000 🔈 | | | |
| | PREMIUM ITEM #12345 | \$99.99 AUD | | | |
| | Every time Barry finishes a run, the amount of | | | | |
| | coins he has earnt gets doubled! Highly illegal. Super awesome. | BUYI | | | |



TIME TO STEAL...

| IL YES OPTUS 🛜 5:45 PM | 37 % 💶 | ■ YES OPTUS 🗢 5:45 PM 37% 💶 |
|------------------------|--------|--|
| Categories | | Games Arcade |
| Games | > | Top Paid Top Free Release Date Clickgamer.com |
| Newsstand | > | Angry Birds \$0.99 > |
| Entertainment | > | Fruit Ninja: Puss in \$0.99 > |
| Utilities | > | Halfbrick Studios Fruit Ninja INSTALLED > ************************************ |
| Social Notworking | | Rovio Mobile Ltd. Angry Birds Seasons \$0.99 \$ |

| BACK | FOR SALE MY GEAR | YOU HAVE 42,000 💿 |
|----------|--|----------------------|
| | INCLUDES CLASSY POCKET PROTECTOR. | 42,000 • > |
| CLOTHES | SHARK POWERED JETPACK HEAVY. POWERFUL. CRAZYNESS. | 2,000 • > |
| JETPACKS | TOP HAT USELESS MAYBE. CLASSY DEFINITELY. | 4,900 • > |
| | SLIPPERY CLOTHES SLIDE FURTHER AT THE END OF YOUR RUN. | 2,225 • > |
| UPGRADES | RUBBER BONES BOUNCE FURTHER WHEN UNCONSCIOUS. | 100,000 • > |
| PREMIUM | DISPOSABLE BONUS THINGY GOOD FOR ONE USE. CAN BE REPURCHASED. | 19,500 • > |



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CHAPTER 5: WE ARE ON A MISSION

THE MISSION SYSTEM

- Inspired by Tiny Wings
- Wanted to do more, with full reward structures and avoiding some of the pitfalls such as getting stuck and burning out
 Will take roughly 1 week... right?

3 COMPANY TESTS

- DailyOptional
- Progressive

DAILY SYSTEM



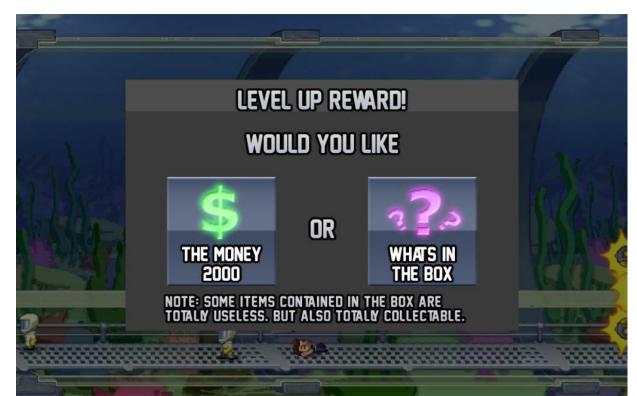
OPTIONAL SYSTEM



PROGRESSIVE SYSTEM

| 01330 | 1 | | 0 |
|-------|-------|---|---|
| | | CURRENT MISSIONS | |
| | 100xp | RUN 800M IN LIL STOMPER IN A SINGLE RUN | |
| | 60xp | FLY 1500M WITHOUT COLLECTING A SINGLE COIN | |
| | 40xp | SPEND A TOTAL OF 2000 COINS IN THE SHOP ON JETPACKS | |
| | | CONTINUE | |
| | | | |

REWARDS



GETTING VISCERAL

Bars filling up were nice, but we really wanted to give some punchy visceral feedback for completing missions.
Stars slam into place, with sparks, dust etc.

THE STARS



NEXT

SURPRISE MEGA FEATURE

Becomes a massive draw to the game.
So many layers of goals! (social, status, personal, intrinsic, extrinsic...)

PRESTIGE





FRUIT NINJA VS. JETPACK

Smaller audience(?), much much higher engagement.

CHAPTER 6: GETTING THAT BASTARD OUT THE DOOR

PERFORMANCE RANGE



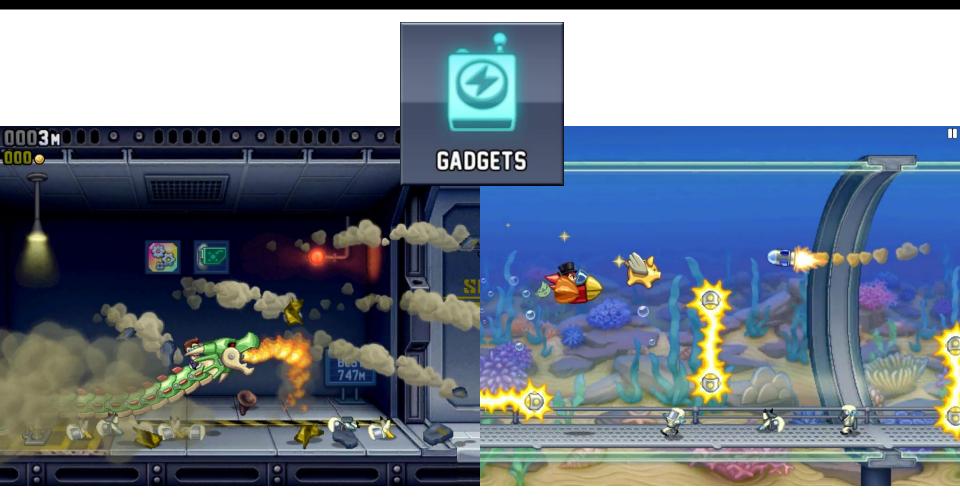
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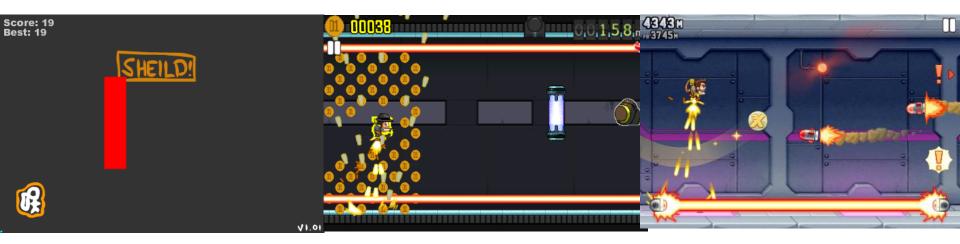
FINALLY OUT!!!

Massive critical reception

- Instant chart success, thanks to cross promotional efforts and media storm
- •Worth the extra 1200% effort
- •Could not be happier!



THANKS!



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I KNEW SOMEONE WOULD ASK THIS:

