



GAME NARRATIVE
SUMMIT

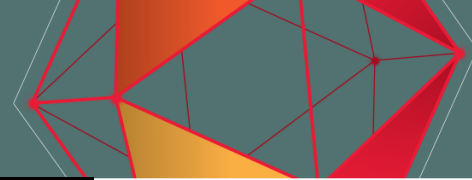
Eros in Play: Writing and Designing Sex Scenes in Games (Part 2)

Michelle Clough
Freelance Writer / Editor / Designer
IGDA Romance and Sexuality SIG Chair

GDC

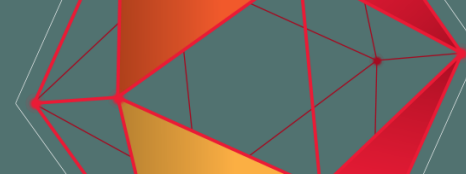
GAME DEVELOPERS CONFERENCE® | MARCH 19-23, 2018 | EXPO: MARCH 21-23, 2018 #GDC18

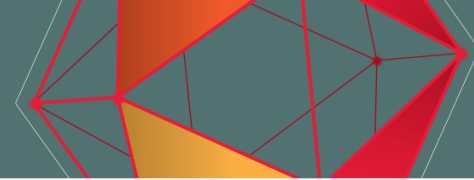




PARENTAL ADVISORY EXPLICIT CONTENT







EverReach: Project Eden
Lead Writer



Purrfect Date
Lead Editor



1931: Scheherazade at the Library of Pergamum
Senior Writer / Editor



Mob'n'sters
Lead Writer



Mass Effect 3
Playthrough QA

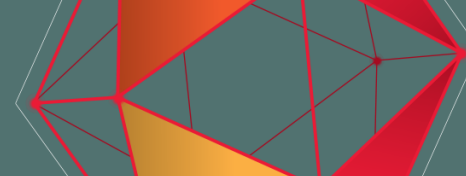


Unannounced co-op VR adventure
Writer / Narrative Designer



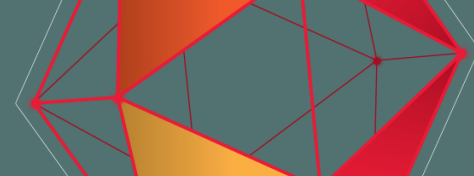
Unannounced mobile interactive romances
Writer





Romance
and Sexuality
SIG





Previously on...

Fewer Tifas, or More Sephiroths?
Male sexualization in games

Michelle Clough
Freelance



GAME DEVELOPERS CONFERENCE
2014
SAN FRANCISCO, CA
MARCH 17-19, 2014
EXPO DATES: MARCH 18-19



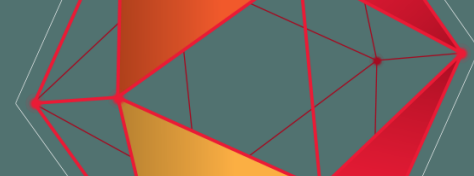
Desire is Not a Dirty Word
Writing Healthy Fanservice for Games

Michelle Clough
Freelance Writer/Editor



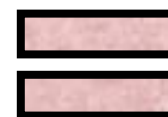
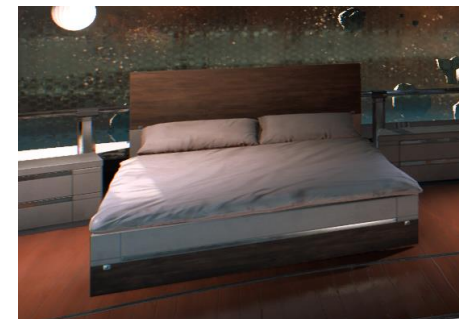
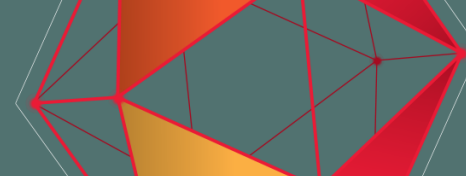
GAME DEVELOPERS CONFERENCE
MOSCONE CENTER · SAN FRANCISCO, CA
MARCH 2-6, 2015 · EXPO: MARCH 4-6, 2015





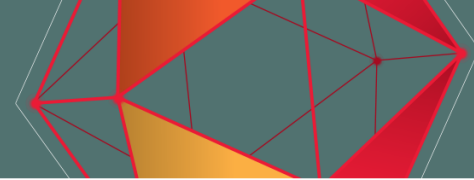
Previously on...





...sex scene???





Challenges for “HOW TO SEX SCENE”

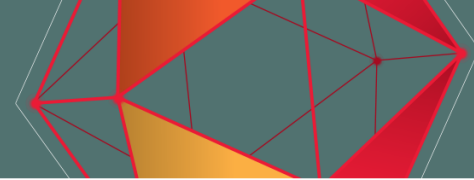
- Few game-specific resources
- Extremely variable and inexact science
- Depends on a huge number of factors
- Also...





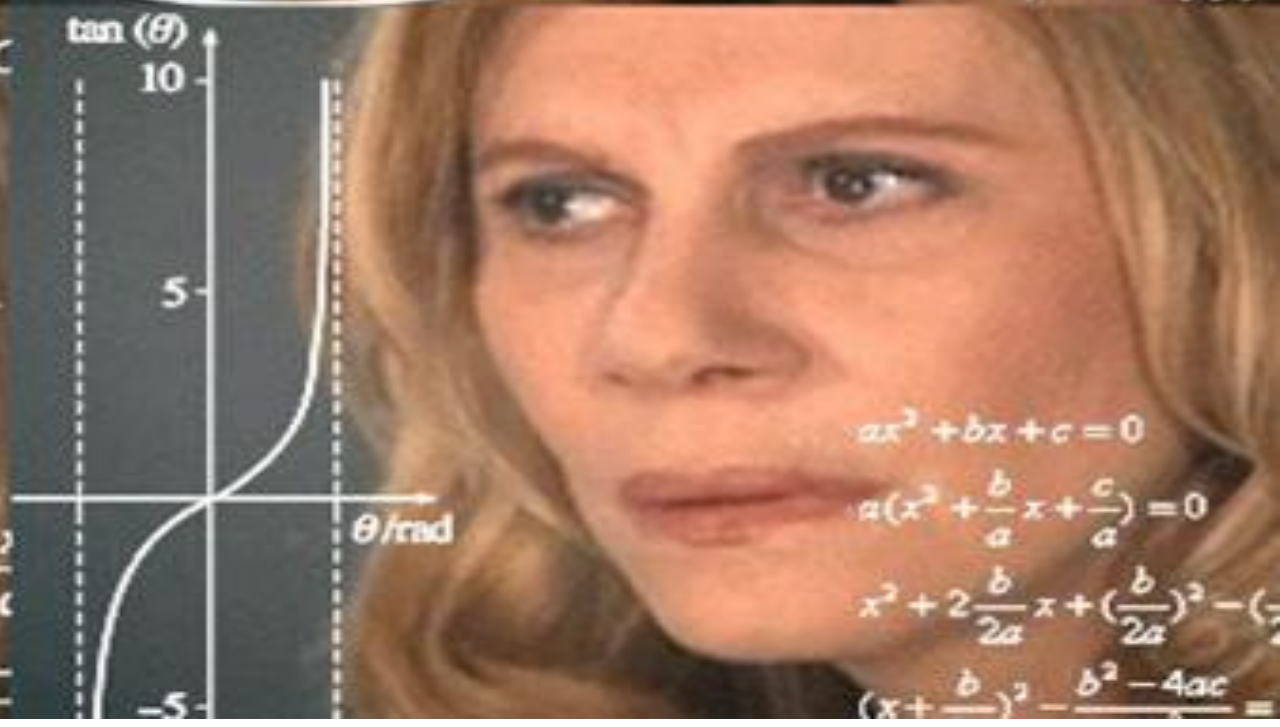
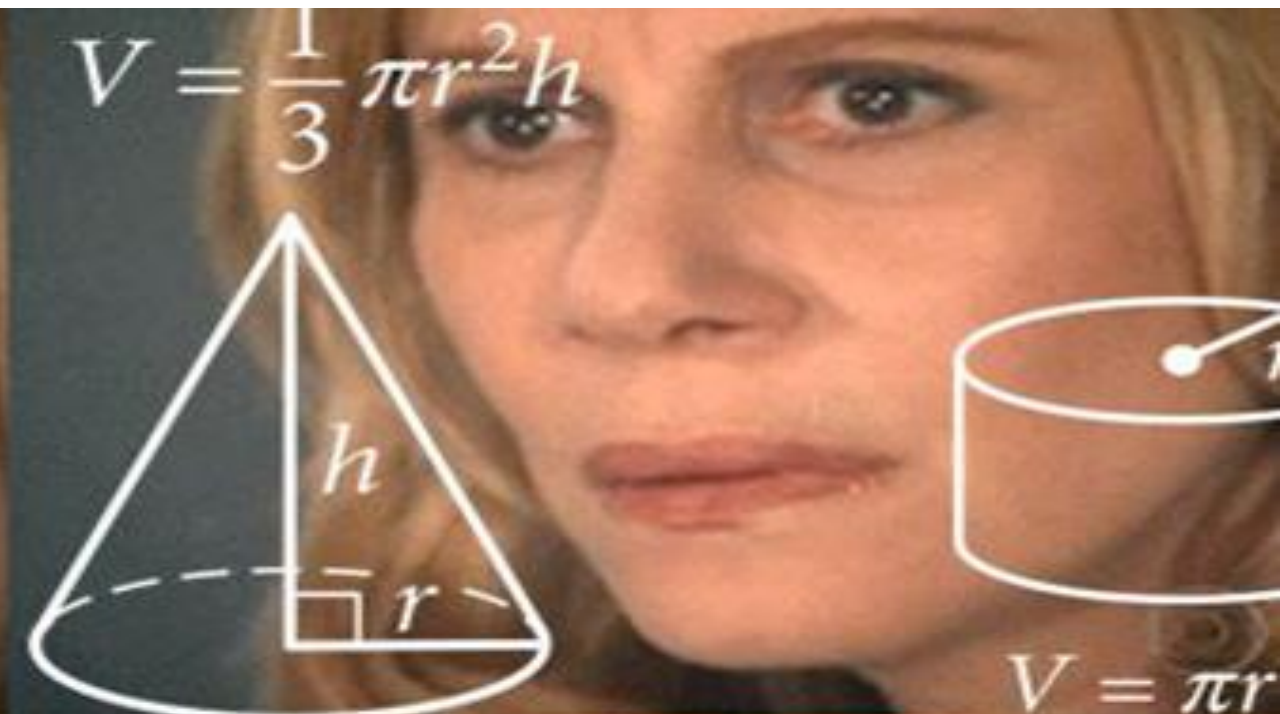
LET'S DO THIS

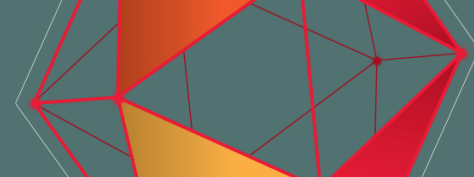




A recipe for sex scenes...

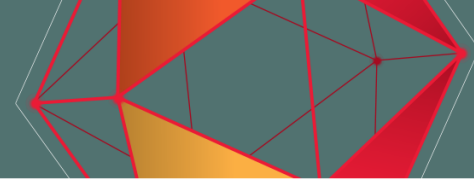






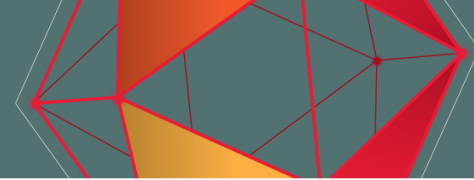
A recipe for sex scenes...



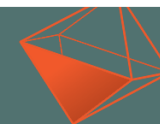
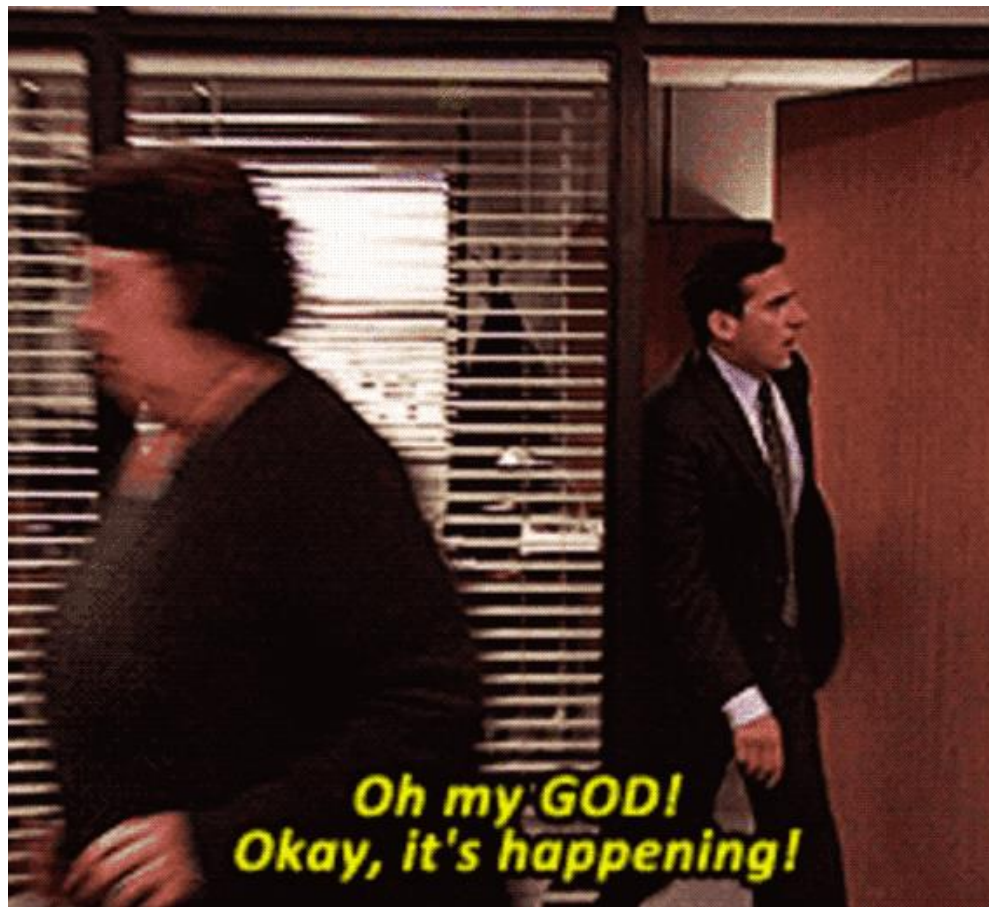


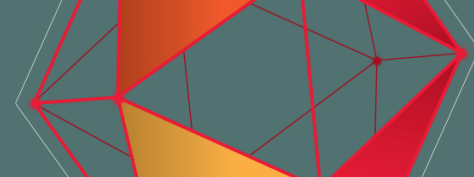
Sex scenes: The Sequel





Sex scenes: The Sequel





Definition of a sex scene

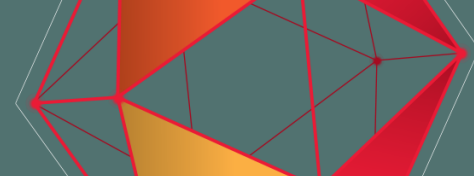


START

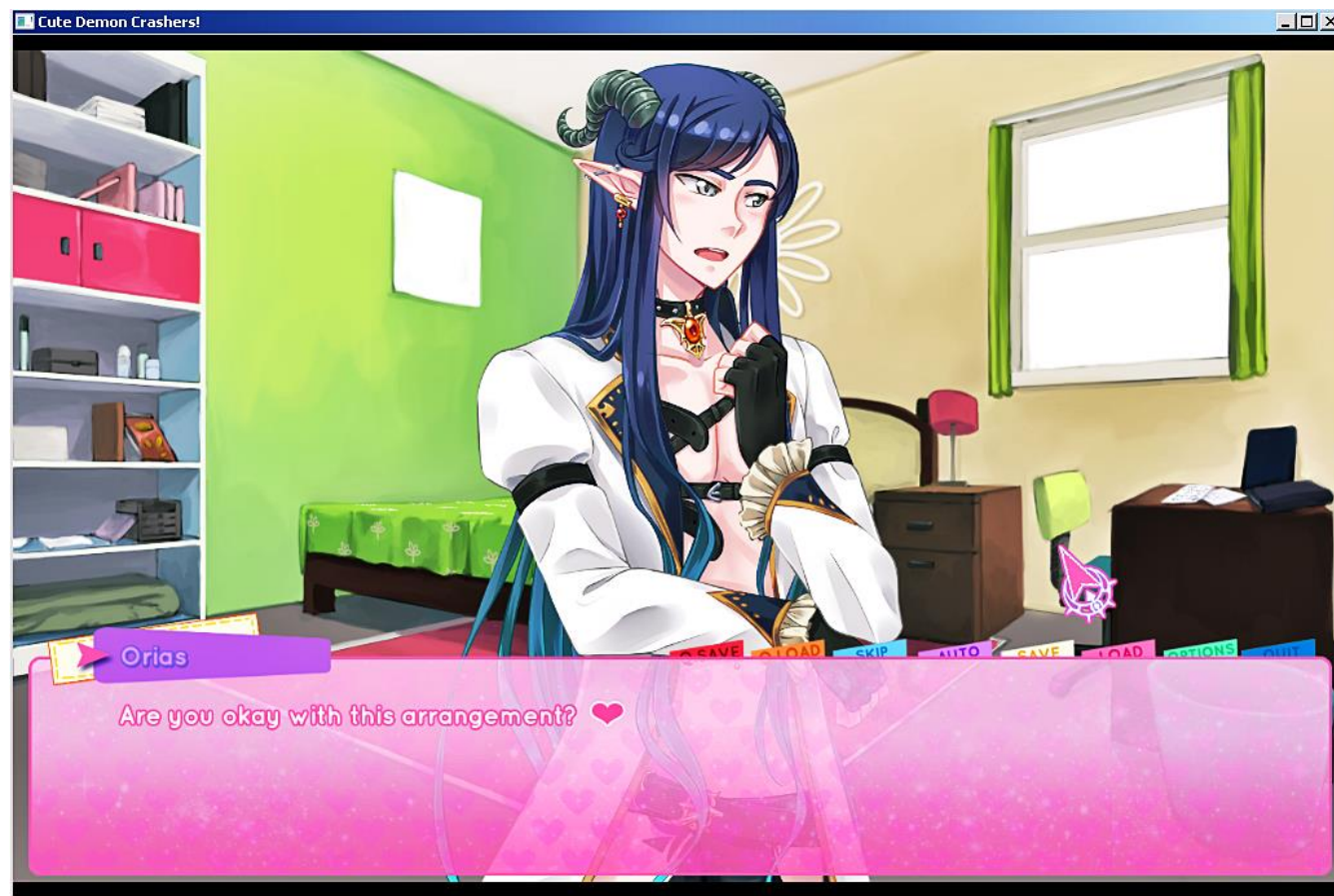


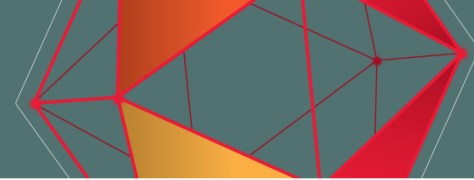
END



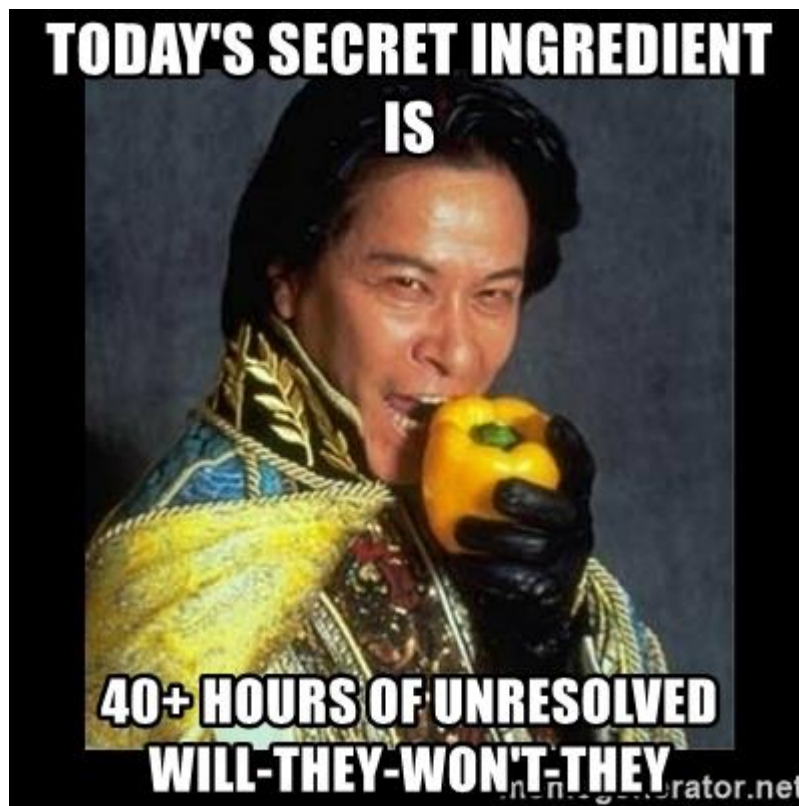


Consensual sex scenes only



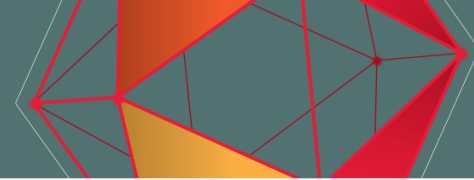


Step 1: Grab basic ingredients



(start with characters, relationships, etc.)





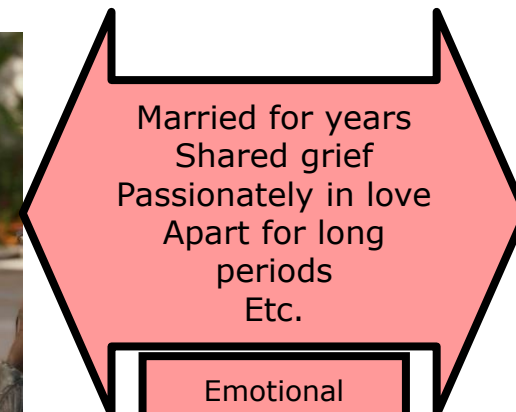
The key building blocks

- Who are the characters?
- What is their relationship?
- Why are they having sex?



Aya

(confident, calm,
independent, etc)

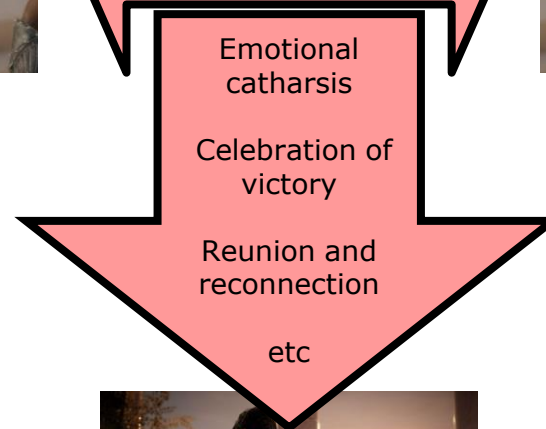


Married for years
Shared grief
Passionately in love
Apart for long
periods
Etc.



Bayek

(passionate, emotional,
devoted, etc)



Emotional
catharsis

Celebration of
victory

Reunion and
reconnection

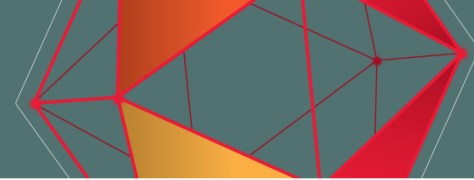
etc





Yeah, we already know that.

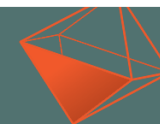


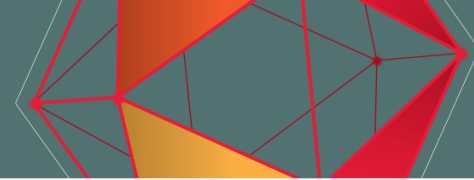


Characters, relationships, and reason for sex



- Sex reveals/reflects info on characters and relationships
- Need to consider how THESE people would have sex, how they treat others, etc.
- Will influence and guide every narrative choice you make





Step 2: Choose your flavour profile

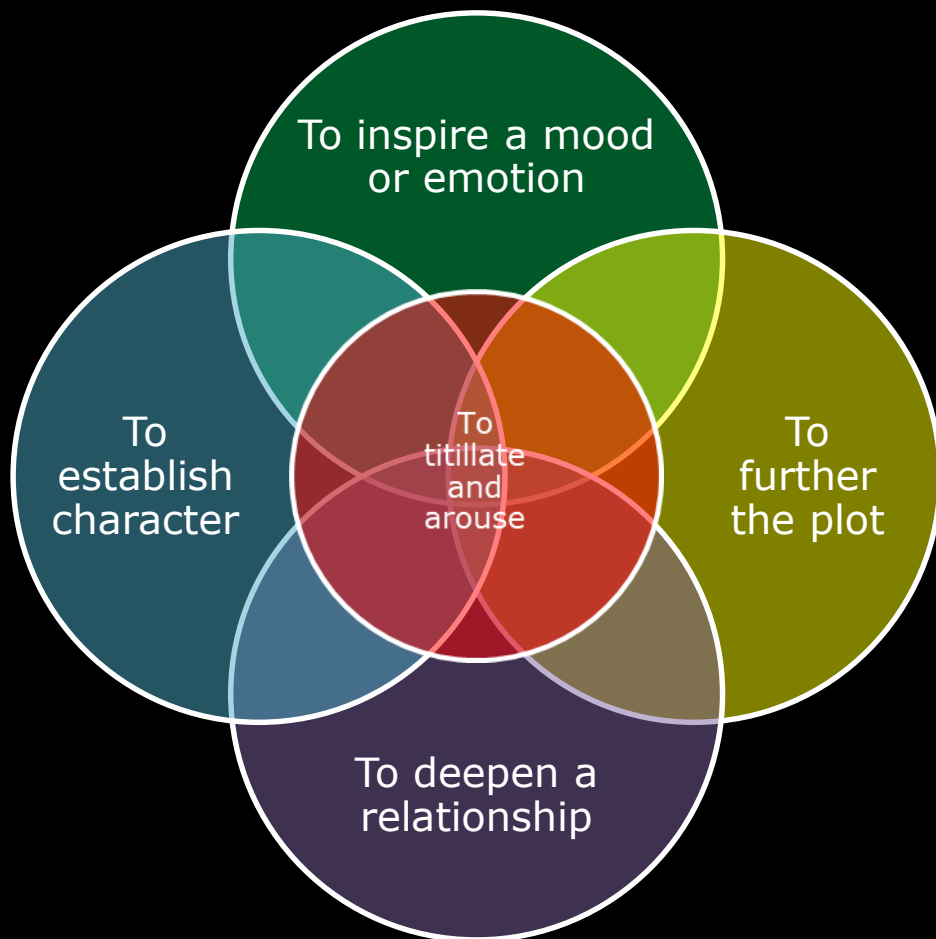


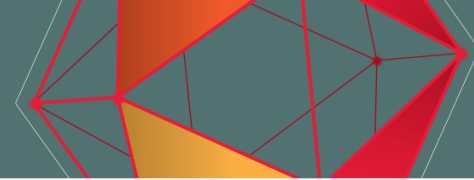
(identify mood and purpose of scene)





Back at GDC 2017...

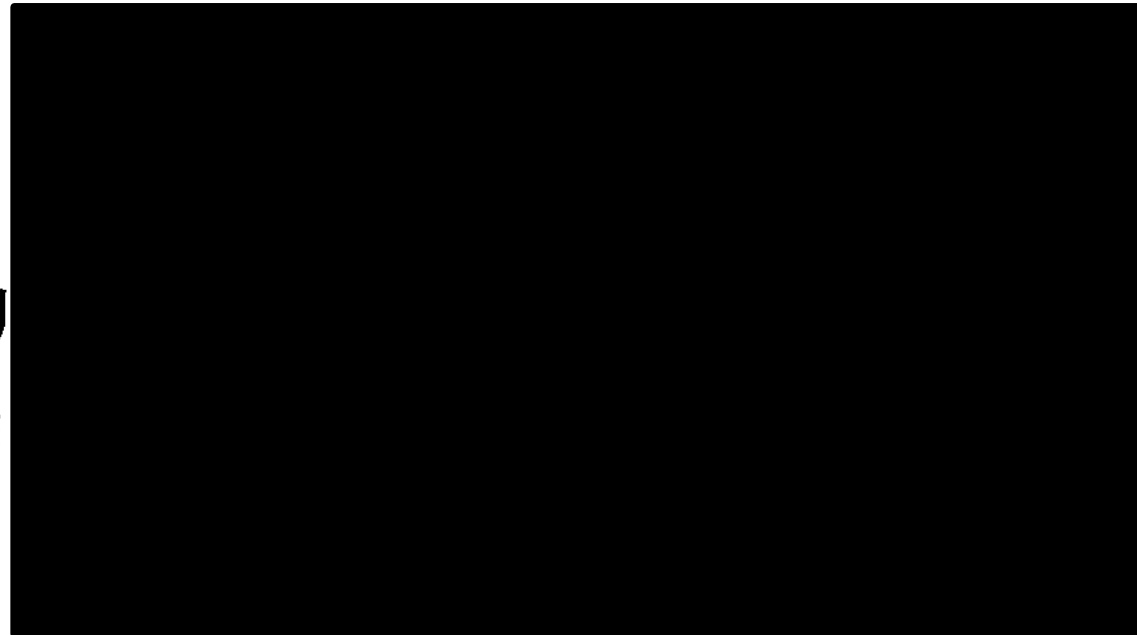




Explicit depiction vs. implicit “fade to black”

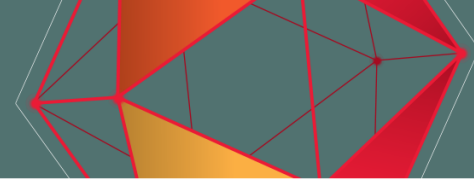


VS



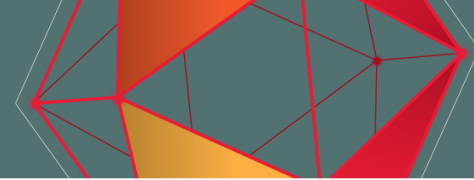
FIGHT





Badly done explicit sex





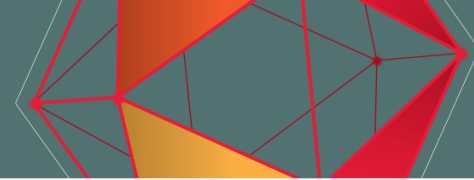
Badly done fade to black



Well, that was 10 hours
of buildup
for **one brief,**
unsatisfying letdown.

...kind of like
my last date, really.



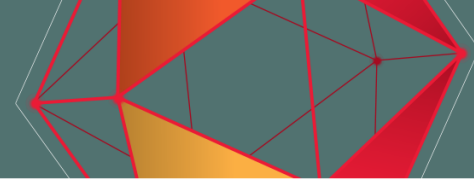


Fading to black



- Strengths
 - Keeps pacing quick
 - Avoids issues of censorship
 - Avoids technical issues such as uncanny valley
 - Lets players imagine the sex (vs. writer/artist/actor's imagination)



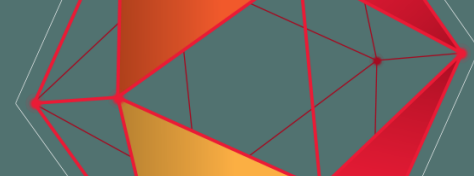


Showing explicit sex



- Strengths
 - Direct input from writing/art/etc
 - Sustains and builds emotions established by lead-in
 - Highlights physical intimacy as well as emotional
 - Intensely character revealing





- Fade to black for:
 - Fast-paced plot advancement
 - Storytelling through implication
 - Meta-narrative concerns (e.g. technical)



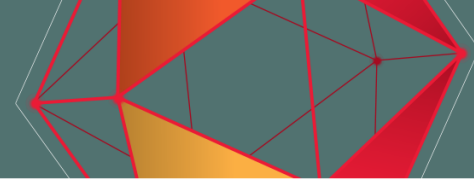
- Show the sex for:
 - Sustaining emotion of scene
 - Storytelling through visuals/physicality
 - Revealing character and relationship





Mood



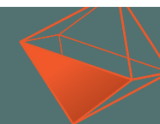


Average debate on What Sex Means

Sex is a special,
beautiful thing!

What? No! It's our
basest instinct!

It's... really not
that big a deal.



Sex is the ultimate mix of:



the sacred...

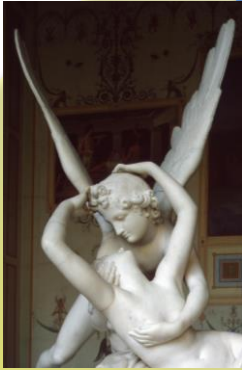
the profane...

and the mundane.

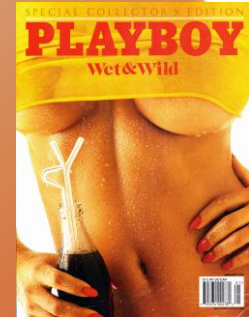
MUNDANE

Sex as:

- Normal
- Regular activity
- “What people do”
- Can be casual or romantic, healthy or destructive, etc etc



SACRED



PROFANE

Sex as:

- Spiritual
- Emotional
- Transformative
- Transcendent
- Ecstatic
- Exalted

Sex as:

- Physical
- Lurid
- Animalistic
- Base
- Sweaty
- “Dirty”

SACRED	PROFANE	MUNDANE
Spiritual	Physical	Mental
Exalted	Debauched	Ordinary
Idealized	Filthy (in the good way)	Realistic
Desire	Lust	Interest
Making love	Fucking	Having sex
Erotica / romance novel	Porn	“Literary fiction”

Sex as sacred

Inspiration:

Game examples:

- Sex as spiritual, transformative
- Emphasizes:
 - Emotion and connection
 - Dramatic moment
- Stereotypical depictions:
 - Sweeping music
 - ARTSY!!!1! staging
 - Touching and foreplay
 - Slow, powerful action
 - Emotional declarations
 - Spiritual ecstasy

When you call my name
it's like a little prayer
I'm down on my knees,
I wanna take you there

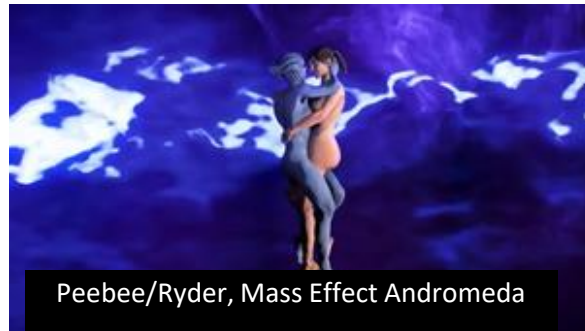


MY EMOTIONS!

What do you see?



Liara/Shepard, Mass Effect 3



Peebee/Ryder, Mass Effect Andromeda



Geralt/Yennefer, The Witcher III

Sex as profane

Inspiration:

**PORN TOO HOT
FOR GDC**

'The World is full of
instinctual animal lust
hiding behind a wall
called safe resistance
~ DRD



Game examples:



All scenes, God of War franchise




All scenes, Ride to Hell Retribution



Jason/Citra, Far Cry 3

- Sex as lustful, animalistic
- Emphasizes:
 - Physical (bodies, sweat, etc)
 - Personal pleasure
- Stereotypical depictions:
 - Uncontrollable lust
 - Sweatiness
 - Lots of animated action
 - Kinky positions/activity
 - Fast pace
 - Dirty talk
 - Loud/performative ecstasy



Excuse me, I ordered
The God of War
Profane Sex Special.

I didn't know it came
with sexist bullshit
topping.



How to fix:

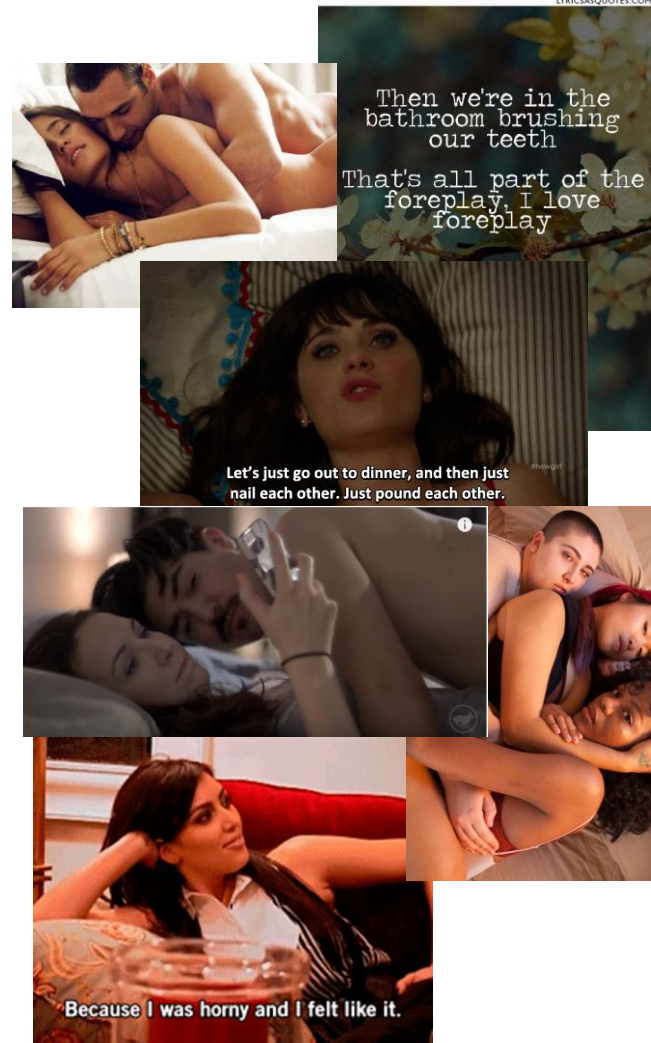
Profane sex is for horny people.



Let the sin begin!

Sex as mundane

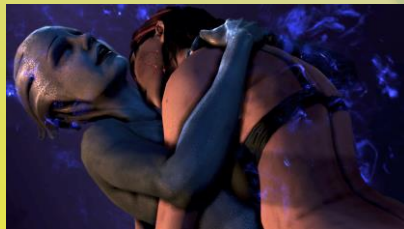
Inspiration:



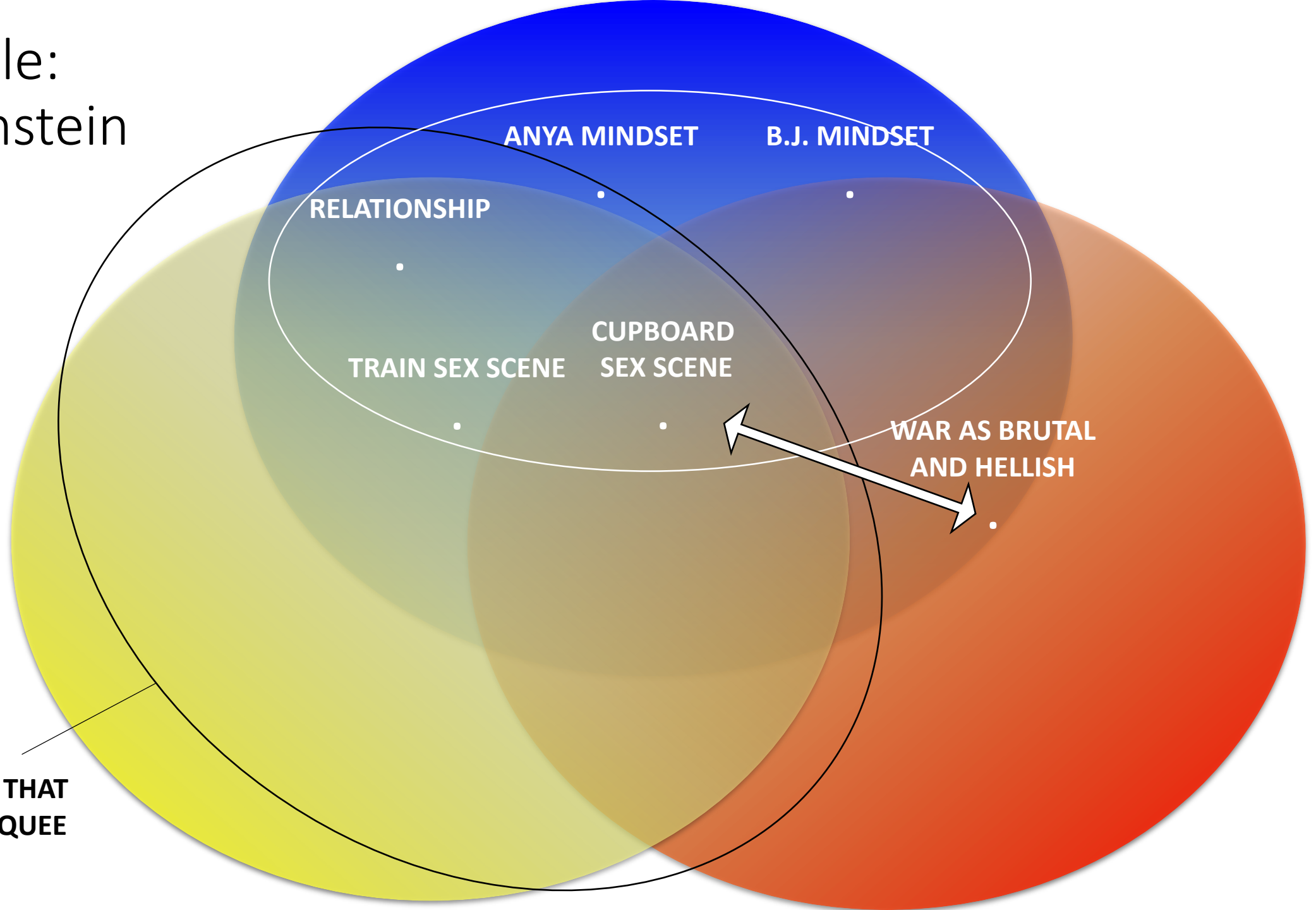
Game examples:

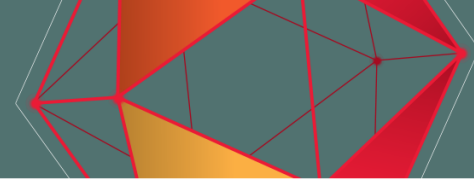


- Sex as normal part of life
- Emphasizes:
 - Normality
 - “Mundus” – Latin for “world”
- Stereotypical depictions:
 - Vary wildly, but include
 - Loving committed relationships
 - Casual sex / FWB
 - One night stands
 - Awkward first times
 - Unhealthy/self-destructive sex
 - Unenthusiastic/distasteful sex
 - Etc.



Example: Wolfenstein



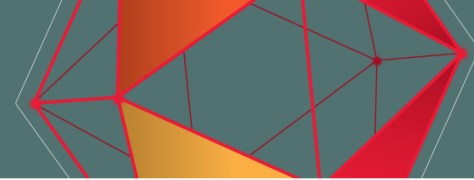


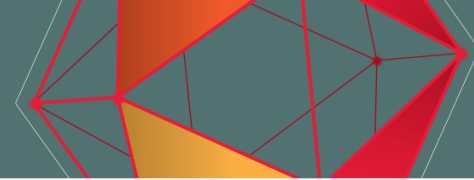
"They have [ADJECTIVE] sex."



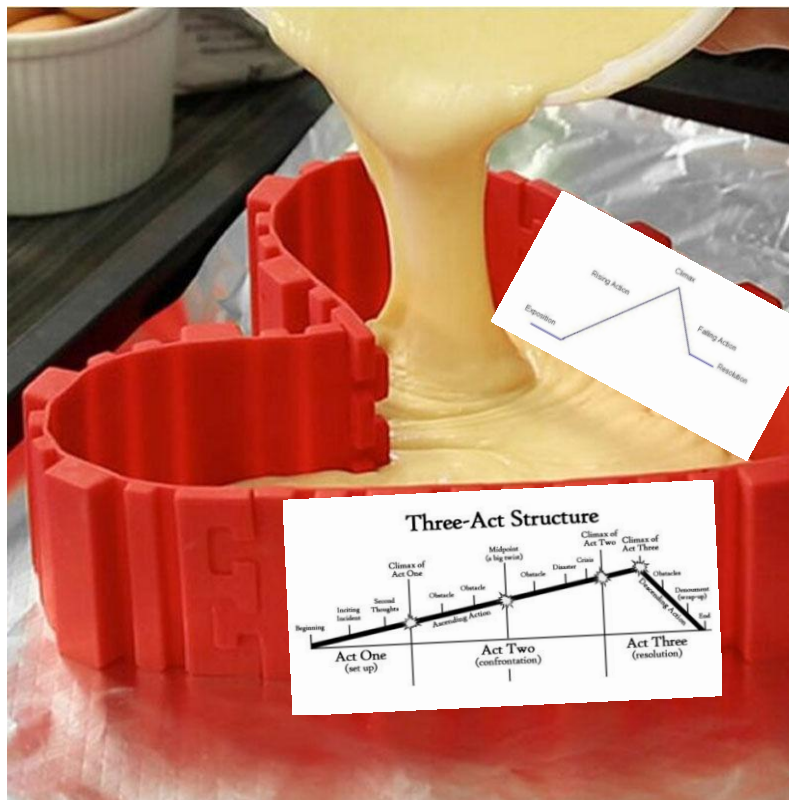
- Tender
- Passionate
- Angry
- Frenzied
- Bored
- Friendly
- Playful
- Tearful





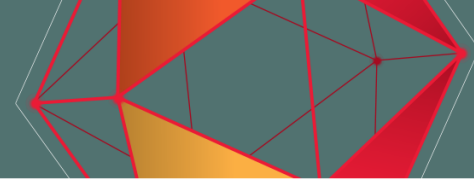


Step 3: Pour ingredients into mould

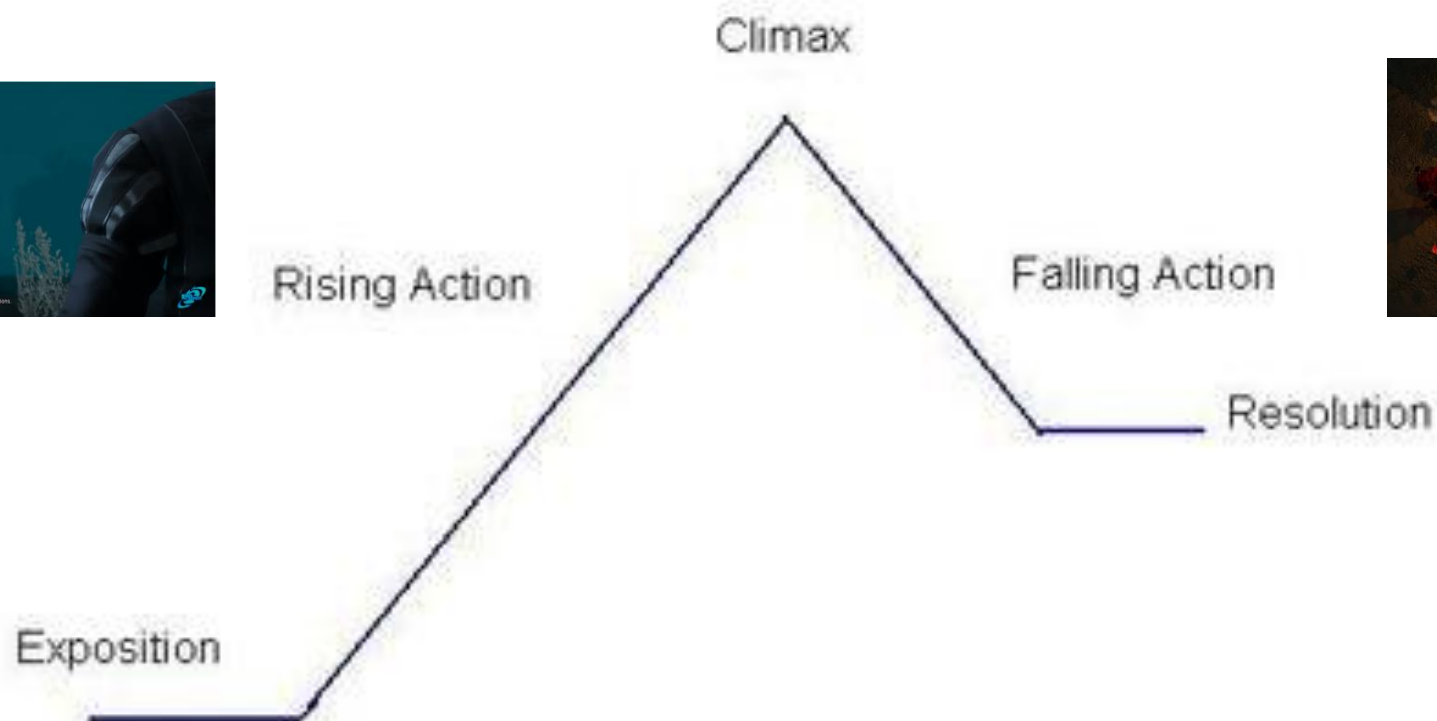


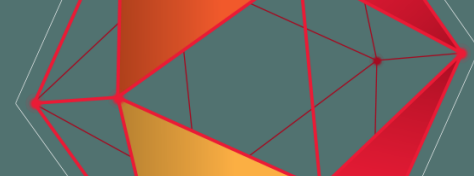
(use classic narrative/dramatic structure)





Freytag's Pyramid

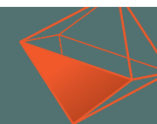


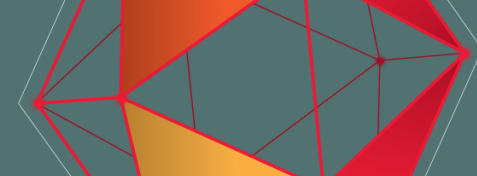


PART 1: RISING ACTION

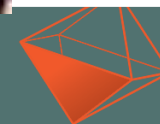


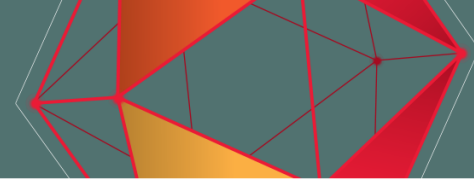
THE BEAST I'm not normally like this.





Rising action - tension

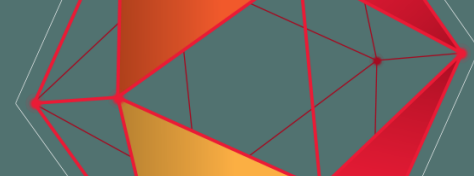




Rising action – physical intimacy

- Involve the physical throughout scene
 - touches and caresses
 - gestures
 - physical proximity
 - embraces
 - kissing
- Use to reveal how characters handle erotic/physical side of sex
- Use to build action to climax





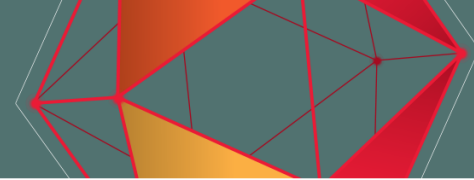
Rising action - dialogue

James:
Wanna do it?

Fred:
Sure.

James:
Yay!





Rising action - dialogue

Common Dialogue Models:

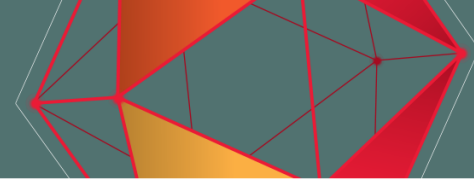


- Talking about something totally unrelated
 - e.g. a mission
- Talking about feelings
 - either romantic or mission-related fear

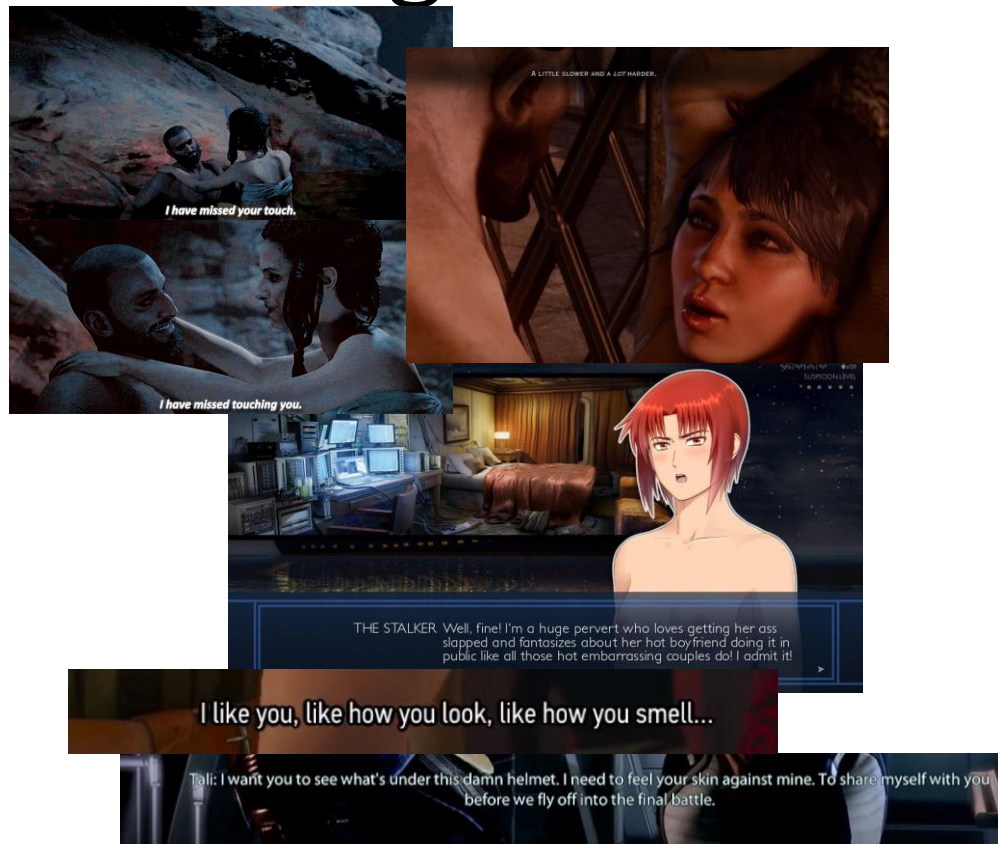


- Flirting (subtle or blatant)
- A basic invitation to sex
- No dialogue at all, sex just happens





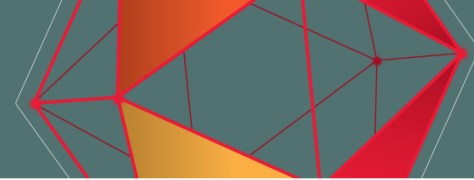
Rising Action - dialogue



Less Common Dialogue Models:

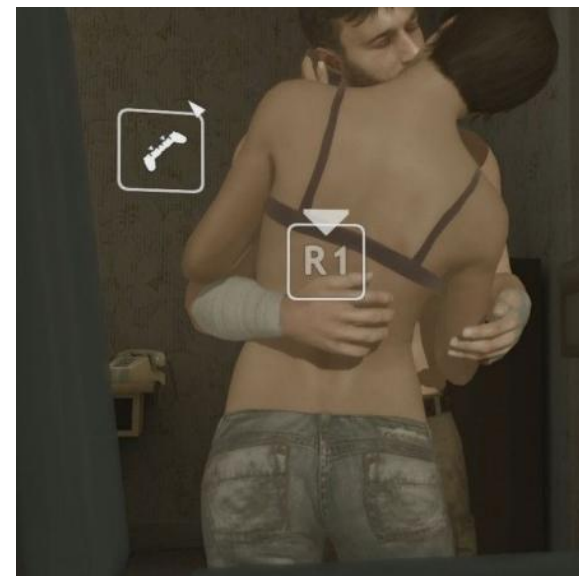
- Communicating sexual desire
- How they want each other and why
- Establishing explicit mutual consent
- Talking about sex-related feelings
 - (nervousness, excitement, arousal)
- Being overwhelmed and not “coherent”





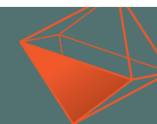
Rising action – player agency

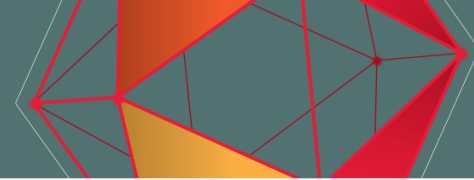
- Quicktime events
 - Most current examples are linear
 - Only narrative effects are from fail state



Press R1:
Unhook bra

Don't hit R1 in time:
Fail to unhook bra
Fail at sex?





Rising action – player agency

- Quicktime events
 - Most current examples are linear
 - Only narrative effects are from fail state
 - Improvement: meaningful choices and outcomes

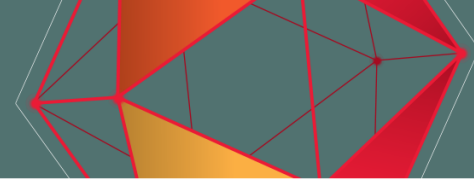


Press R1:
Undress her hungrily

Press X:
Catch breath, slow down

Press nothing:
She takes initiative

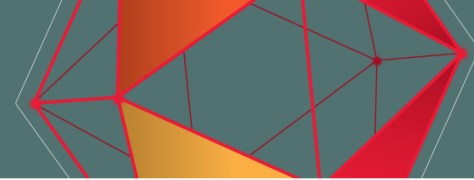




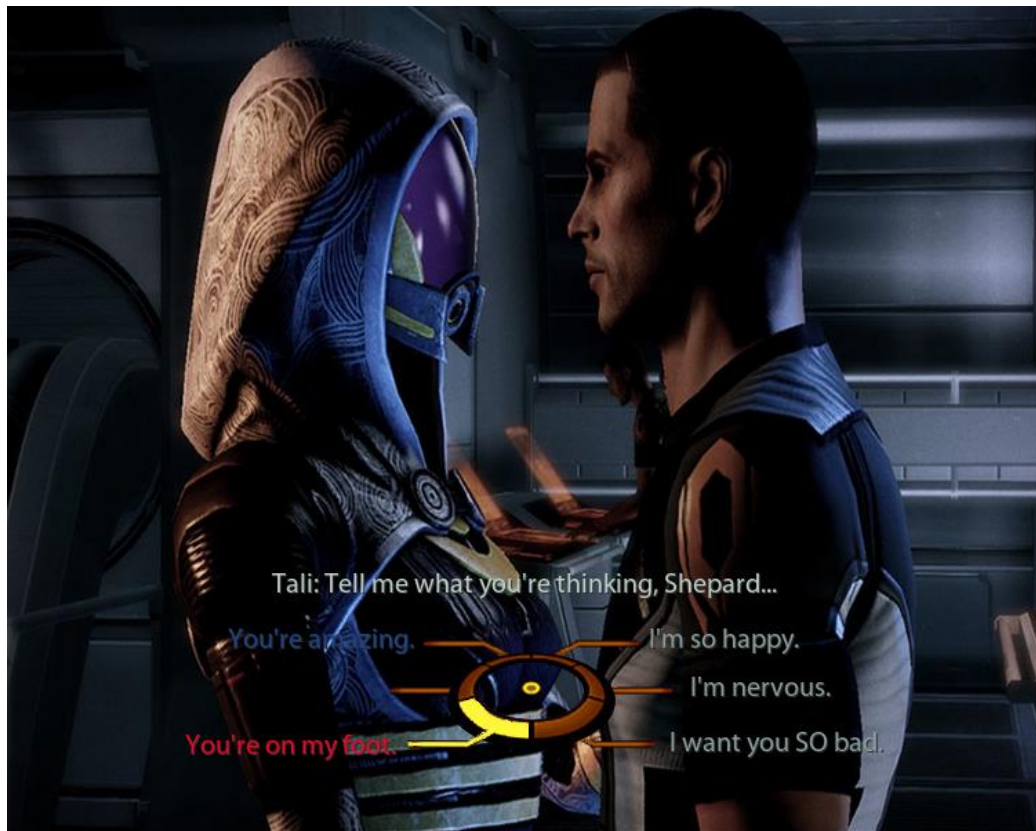
Rising action – player agency

- Branching dialogue
- Sex vs. no sex choice





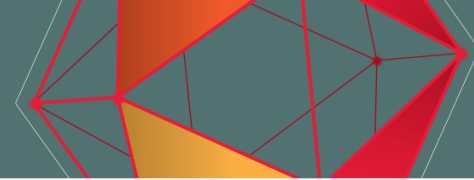
Rising action – player agency



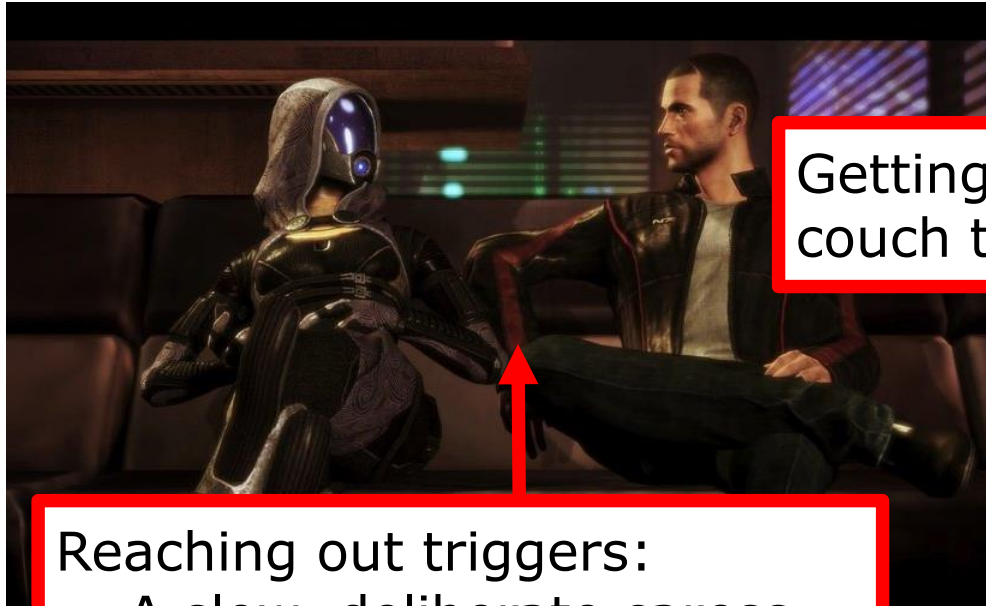
(generated by the Mass Effect Dialogue Generator)

- Branching dialogue
 - Sex vs. no sex choice
 - Improvement: choosing flow of dialogue
 - Flirt
 - Be vulnerable
 - Take things slow
 - Joke
 - Be openly sexual
 - Etc.





Rising action – player agency



Getting up from couch triggers...

Reaching out triggers:

- A slow, deliberate caress
- Meaningful eye contact
- Sexual banter and teasing
- Hot couch make-out/sex



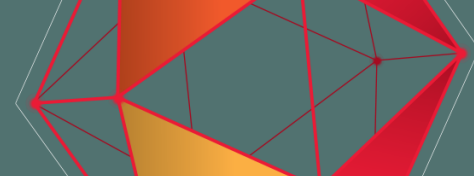
Moving here triggers:

- Looking out over the city
- Partner moves to join you
- Introspective conversation
- Kissing against the sunset

Moving here triggers:

- Beckoning partner over
- Sinking down together beside fire
- Romantic, achingly tender sex



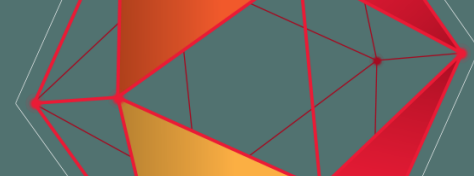


PART 2:

CLIMAX

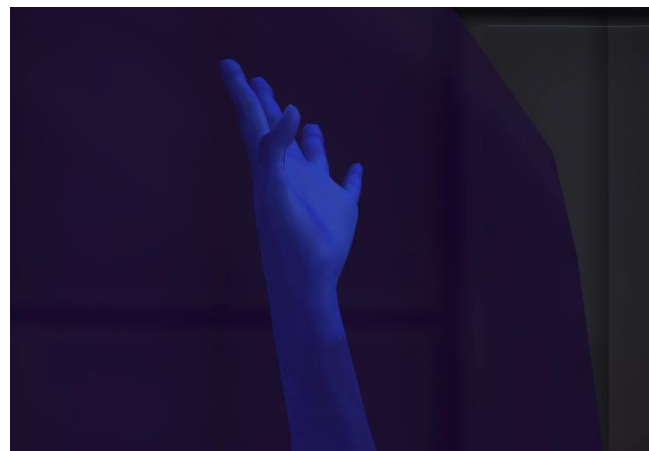
(get your snickering over with)

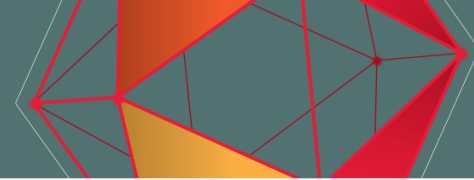




Climax – sexual climax

- Main thematic core of scene:
 - Intensity
 - Pleasure
 - Eroticism
 - Sexuality

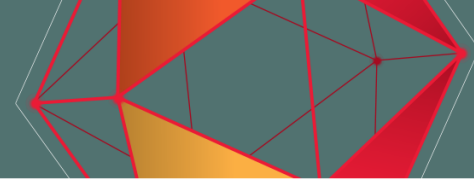




Climax – the kiss

- Main thematic core of scene:
 - Affection
 - Connection
 - First physical intimacy
 - Gentler intensity

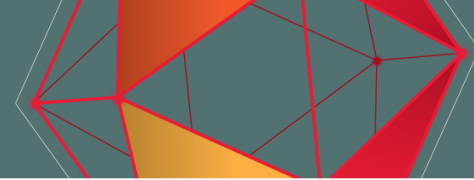




Climax – the fade to black

- Main thematic core of scene:
 - Emotional catalyst
 - Sex without physical
 - Player imagination
 - Gentler intensity





Climax – other scene climaxes

- Examples



Tackling on bed



Disrobing



Panning to something



Line of dialogue

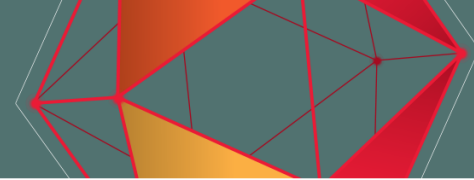


Intimate touch



Interruption





Climax – thematic consistency

- Example: “off-topic” narration



BJ Narration:
*"Sometimes Christmas...
sometimes birthdays...
**sometimes mayhem,
suffering and death...**

sometimes you just
need to feel...

something **good.**"*



Elven legends:
*"We Aen Seidhe
remember how it was..."*

**Limitless devotion,
passion, commitment...
and sacrifice.**

Legend has it **the lover's
sighs are enchanted**
within these very stones...

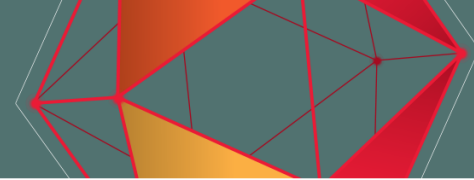
Though **only those in
love can hear them.**"



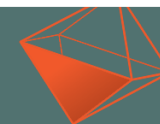
AND NOW FOR SOMETHING COMPLETELY DIFFERENT

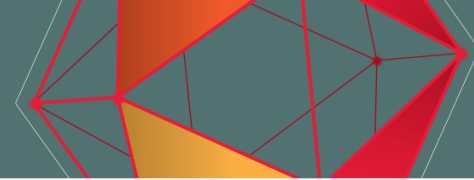


A MAN WITH A RAIL GUN SHOOTING NAZIS



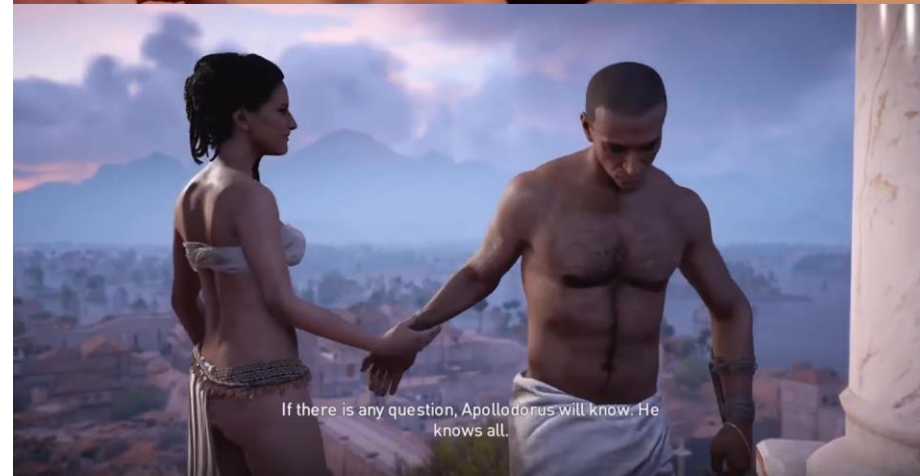
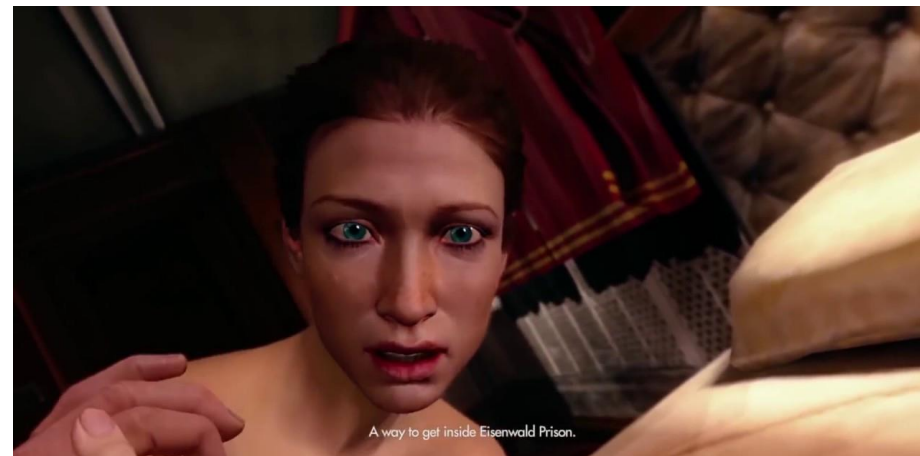
Falling action – transitional scenes

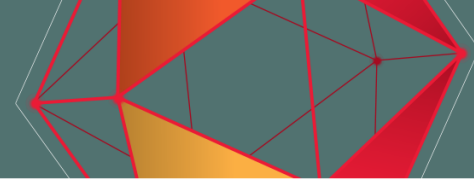




Falling action – next quest assignment

- Common trick
 - Have characters discussing next plot point or mission
 - Offers both physical intimacy and practical information
 - Can feel flat/insufficient

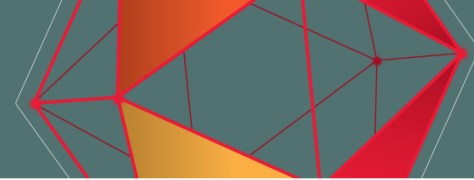




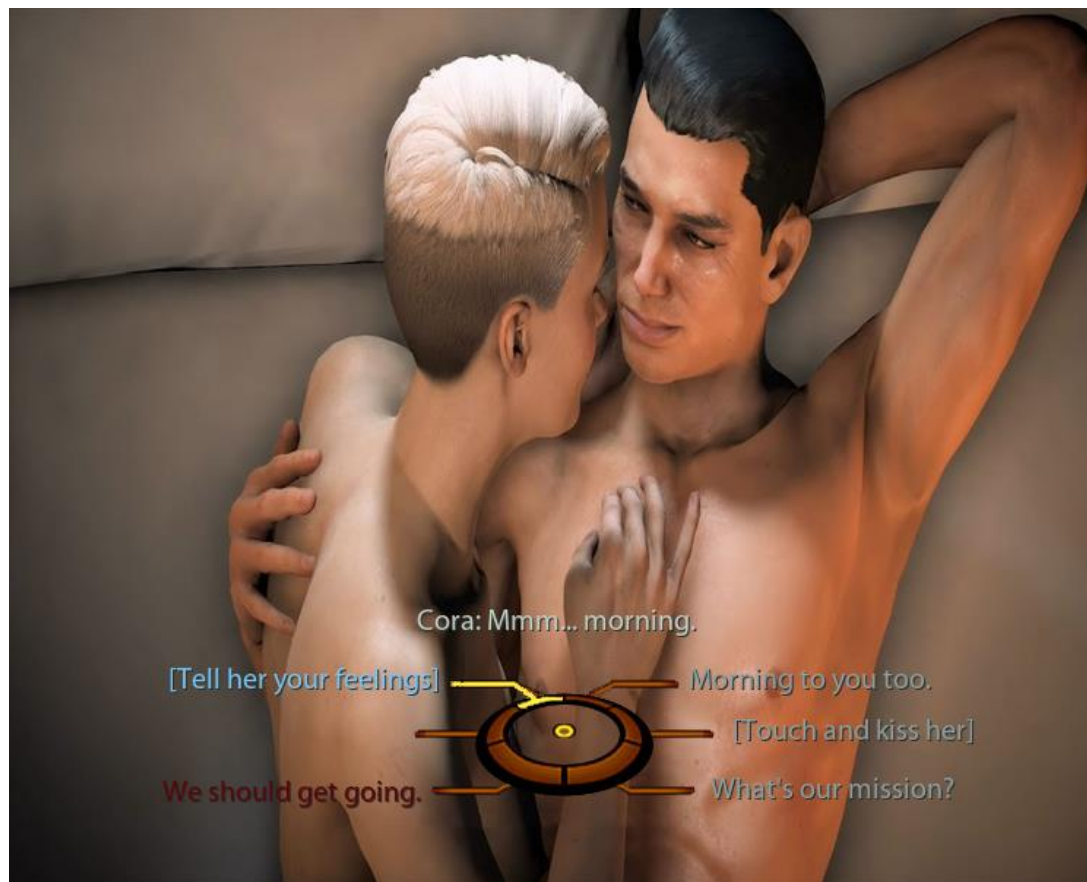
Falling action – relationship development

- If relationship not “finished”
 - Weave evolution into falling action
 - Explicit conversations
 - Intimate gestures/behaviour



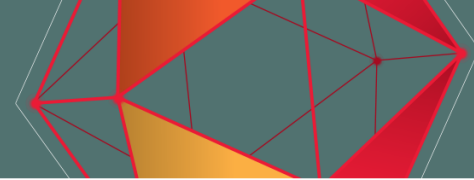


Falling action - agency



(generated by the Mass Effect Dialogue Generator)





Special cases – intercut/out of order scenes

- Good example: Witcher 3



Yay, sex scene!
How sexy and romantic.

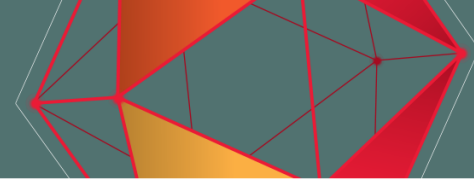


Wild, racing hearts!
Freedom and pursuit!
Geralt's wolf motif!
Speed and gracefulness!



Themes continue in editing,
music, lovemaking, etc.
Even MORE sexy and romantic!





Special cases – intercut/out of order scenes

- Not-so-good example: Assassin's Creed Origins



Yay, sex scene!
How sexy and romantic!

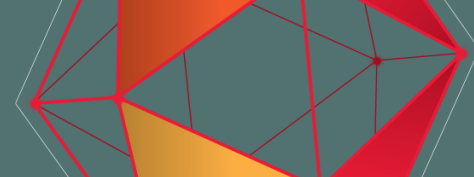


Wait, this has absolutely nothing
to do with the sex scene?



Nope, sorry, you lost me.
Not in the mood.

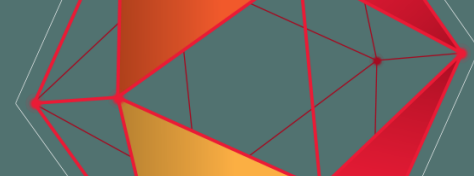




Special cases – pop-ups

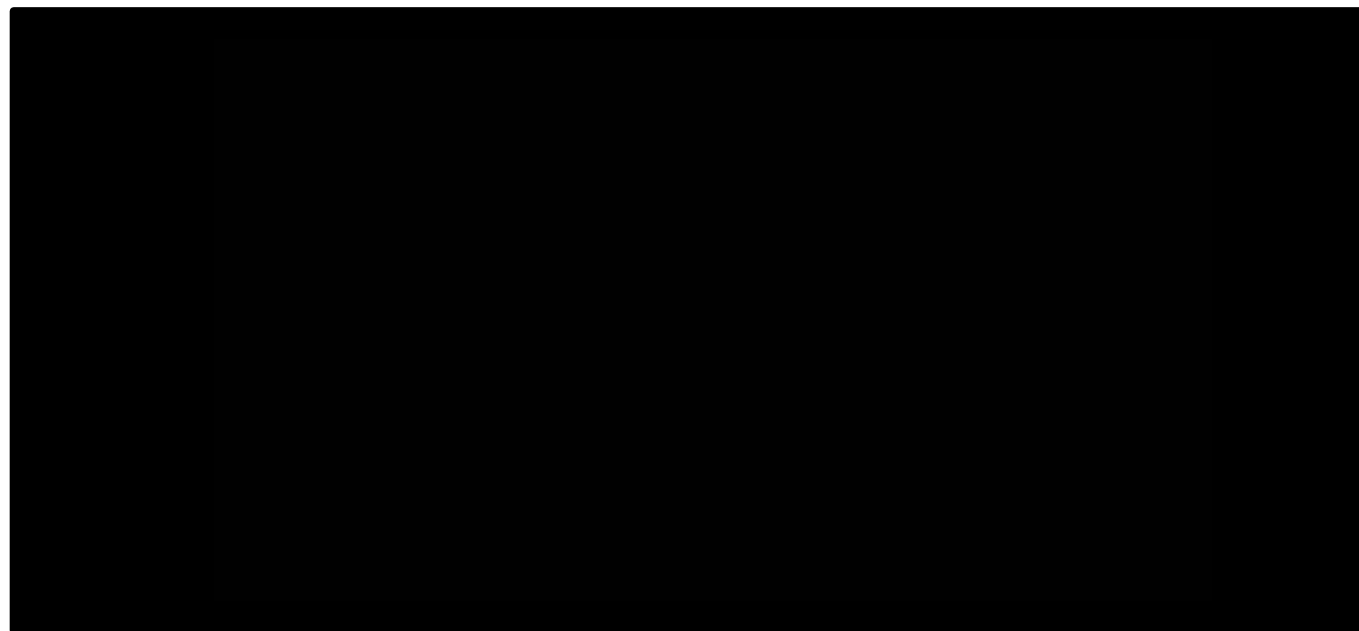
- DO NOT interrupt with quest alerts!

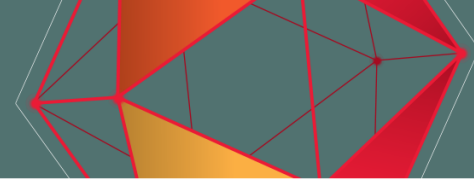




Special cases – pop-ups

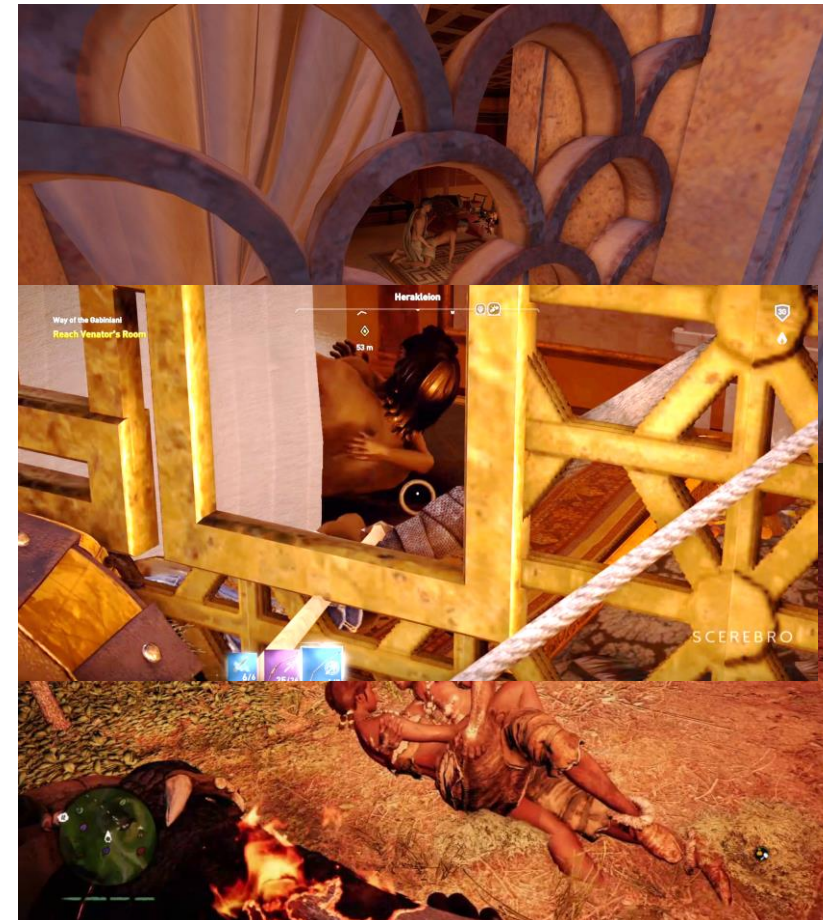
- DO NOT interrupt with quest alerts!

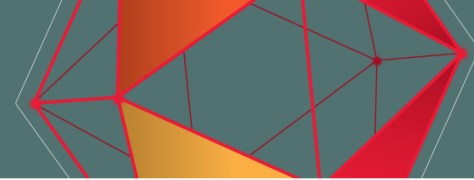




Special cases – open world encounters

- E.g. sandbox games
 - No regular narrative structure
 - In theory, can be **mundane** sex
 - In practice, often voyeuristic or posturing
 - Unnecessary unless an integral part of the narrative

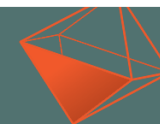


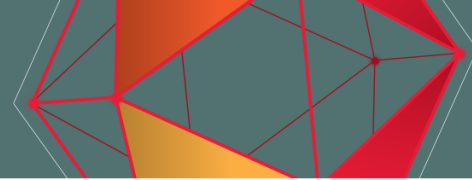


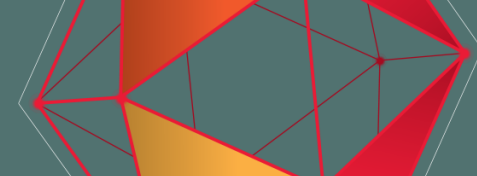
Step 4: Season (carefully) to taste



(use deliberately-chosen details)





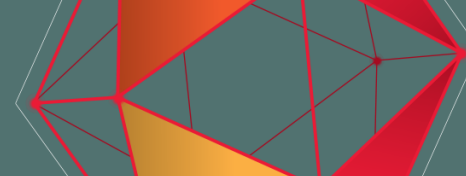


Cultural associations





GAME NARRATIVE
SUMMIT



GDC

GAME DEVELOPERS CONFERENCE[®] | MARCH 19-23, 2018 | EXPO: MARCH 21-23, 2018 #GDC18

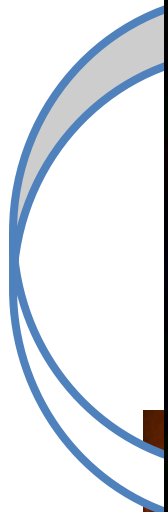


UBM

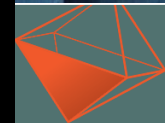


GA

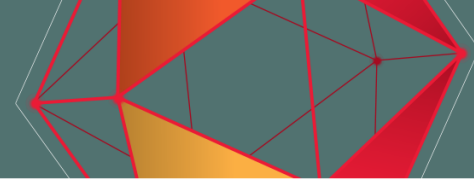
Cu



GDC



UBM



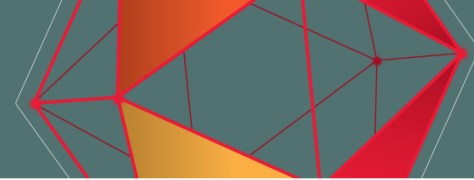
This villain is SUPER evil,
so they should have rough sex
to angry heavy metal music...

And wear black leather...

And have BDSM gear all over...

And be bisexual...

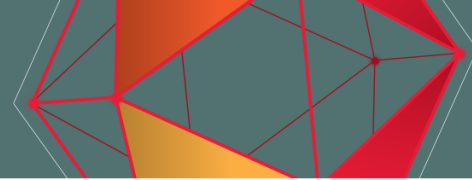


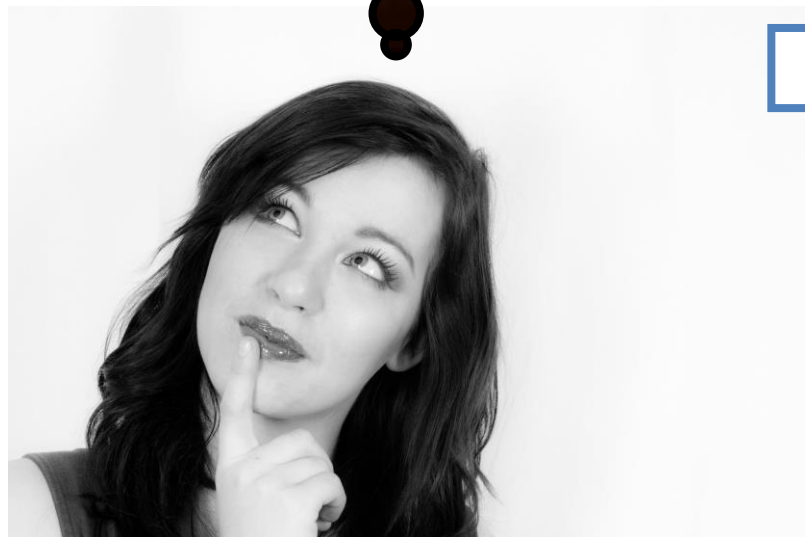
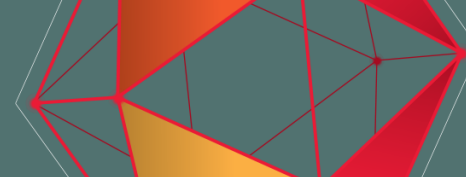


Leather
bondage
gear

You're saying you're all about
the meaningless casual sex...
Is that really what's going on?









Considering details

Bedsheets?

Whose room?

Camera framing?

"Artsy" angles?

Sexual positions?

Animations?

Is there a bed?

Sex toys?

Sweat?

O-face?

Time of day?

Facial expressions?

Light source?

Nudity?

Colour of light?

Moaning?

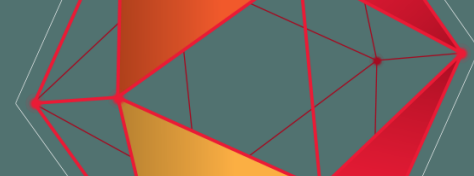
Underwear type?

Reflections?

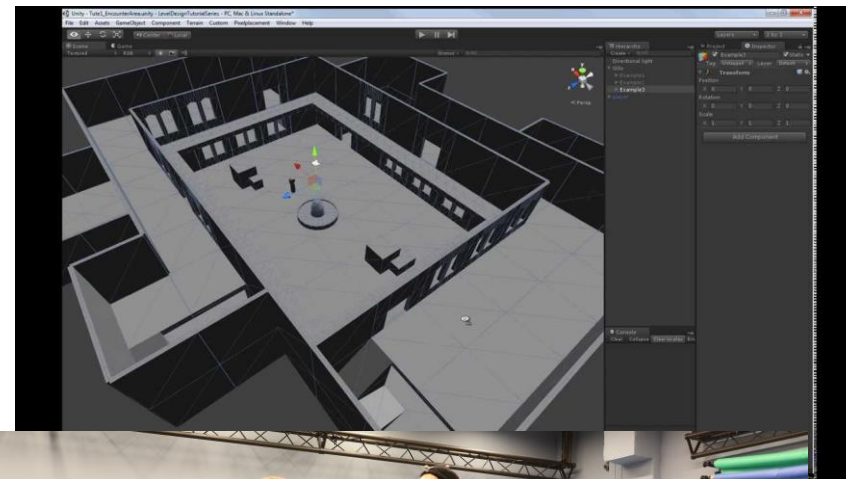
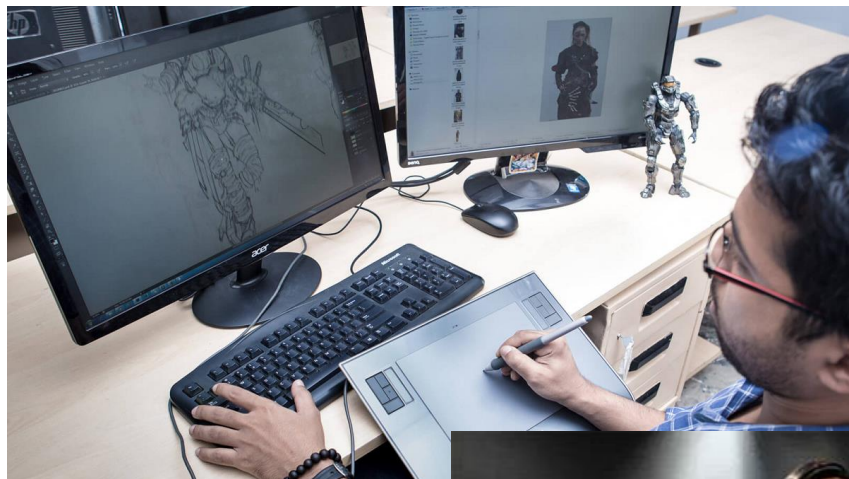
Use of shadow?

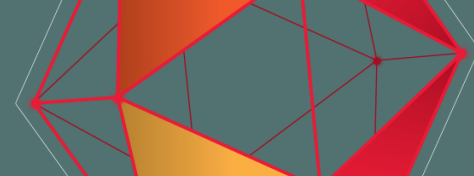
Fast or slow music?





Considering details



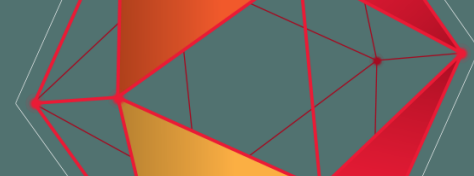


Environment



Some examples:	Examples of associations and stereotypes:
Luxurious fantasy boudoir silk sheets, fireplace, wine, etc	Sacred / Mundane romantic, heady, sensual
Lush natural environment waterfalls, forests, caves	Sacred closer to nature, Eden associations
Deluxe modern locations modern penthouses, sci fi quarters	Mundane stylish, cool, self-indulgent
Dilapidated locations abandoned buildings, alleys, old kitchens	Mundane / Profane dirty, lurid, gritty
Sex-related locations brothels, strip clubs, sex dungeons	Profane / Mundane lewd, taboo, debauched
Stock room environment Regular bedroom, kitchen, living room	Mundane normal, unremarkable
Personalized room environment Character's bedroom, kitchen, own space	Mundane personal, intimate, revealing



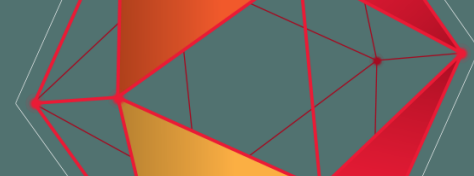


Body language



Some examples:	Examples of associations and stereotypes:
Hesitant movements trembling hands, pausing	Mundane / Sacred nervousness, awe, "big deal"
Rough sex and foreplay biting, slamming into things, fast pace	Profane / Mundane kinky, hungry, animalistic
Seeking physical proximity "invading" personal space, casual touch	Mundane pushing the issue, breathing other in
Body worship reverent caresses, touch of adoration	Sacred sex as act of worship
Eye contact and gaze Sustained gaze, looking at body	Sacred / Mundane / Profane connection, desire, lust
Face-to-face sex missionary, embraces	Mundane / Sacred Connection, intimate, conventional
Bent over sex "doggy style", bent over furniture	Profane / Mundane animalistic, degrading, exploitive



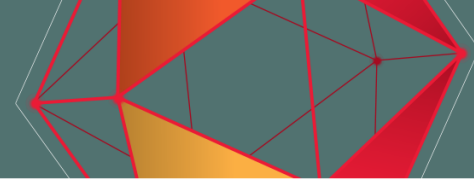


Audio

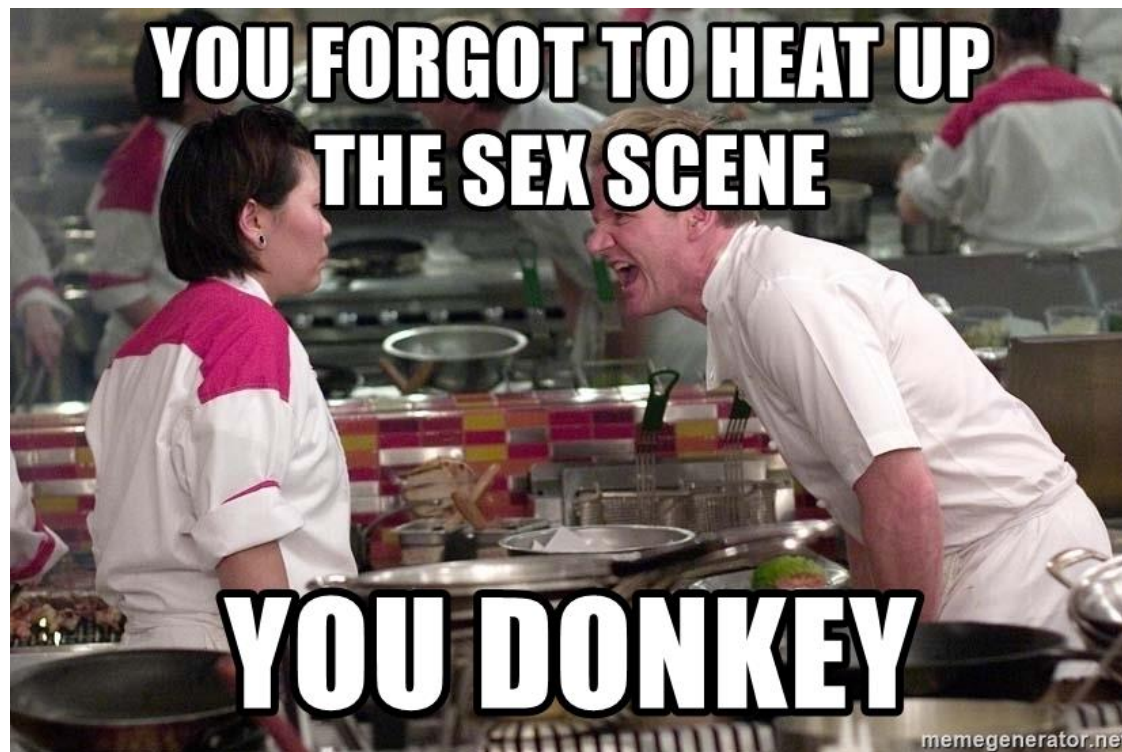


Some examples:	Examples of associations and stereotypes:
Approach-related SFX Rustling clothes, footsteps	Mundane Basic realities of "getting ready"
Kissing sounds Lip smacking, humming	Profane / Mundane / Sacred Depending on volume/nature
Subtle vocalizations Soft breathy sighs, hums	Mundane / Sacred Understated pleasure, breathing
Obvious vocalizations Laughing, loud moaning	Profane / Mundane Performative, demonstrative, loud
Rhythmic noises Bed squeaking, thumping	Mundane / Profane Movement, rhythm, physical
Soft, ethereal music Slower tempo, gentle, emotional	Sacred Transcendent, floating, breathy
Fast-tempo music Getting faster, heavy drums, rock	Profane / Mundane Frenzied, eager, harsh



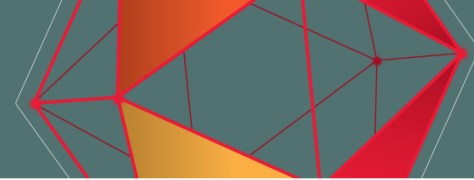


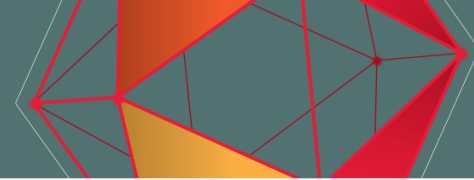
Step 5: Simmer well



(build sexual tension)

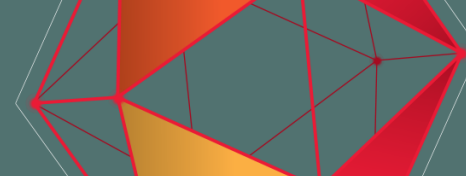


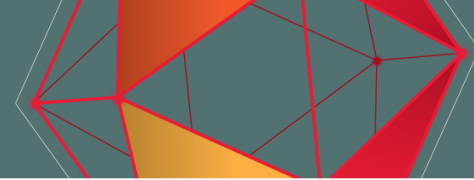




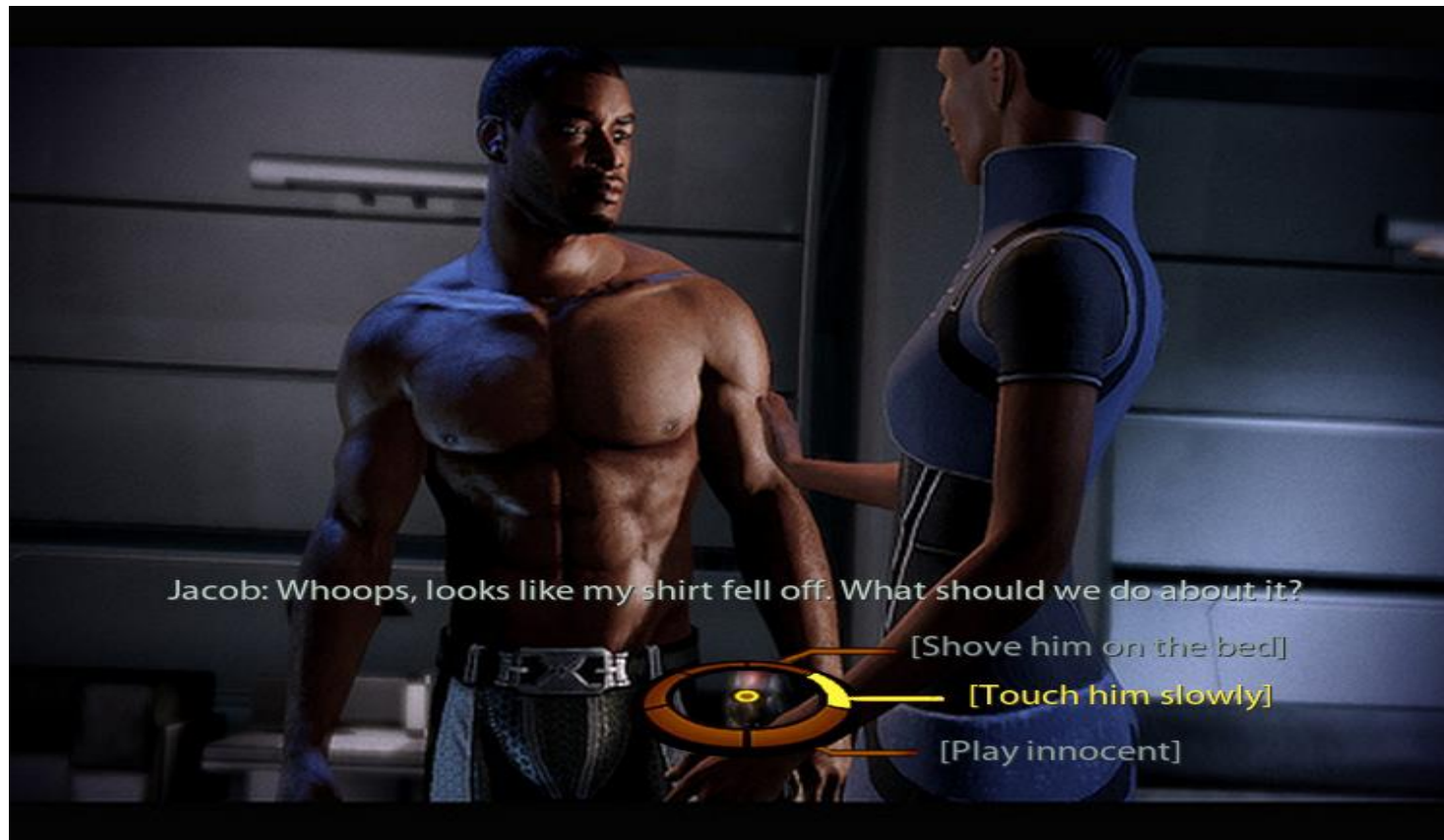
IGFME THAT, TUMBLR.COM





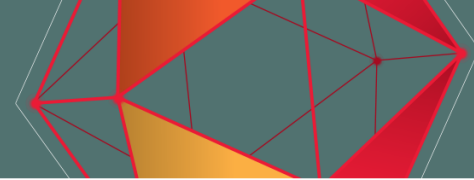


Tension and agency



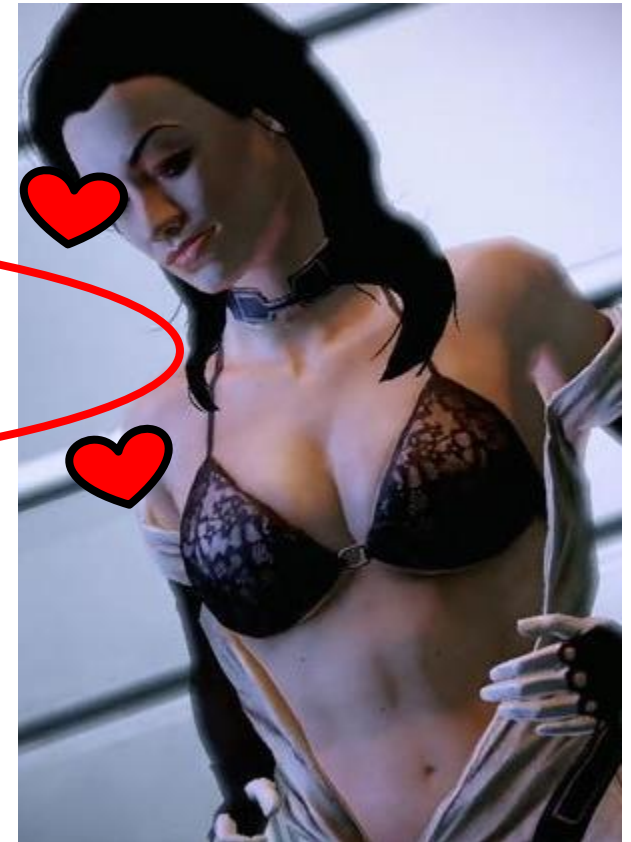
(generated by the Mass Effect Dialogue Generator)





The 4 Types of Tension in Sex Scenes

- ♥ • I don't know what's going to happen
- ♥ • I think I know what's going to happen, but I don't know how
- ♥ • I know exactly what's going to happen
- Wait, what the hell just happened?





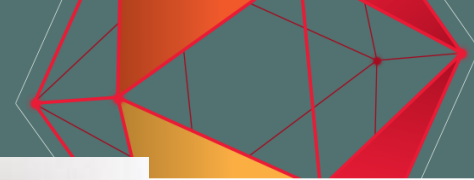
“I know what will happen, but not how.”



What will spark
the flame?

How will the fire
spread?



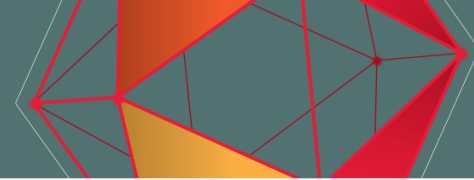


"I know



Characters
together
dialogue

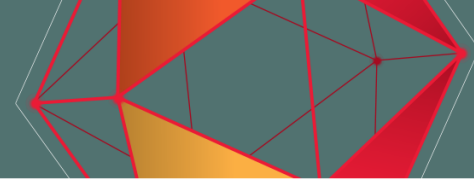




“I don’t know what’s going to happen.”

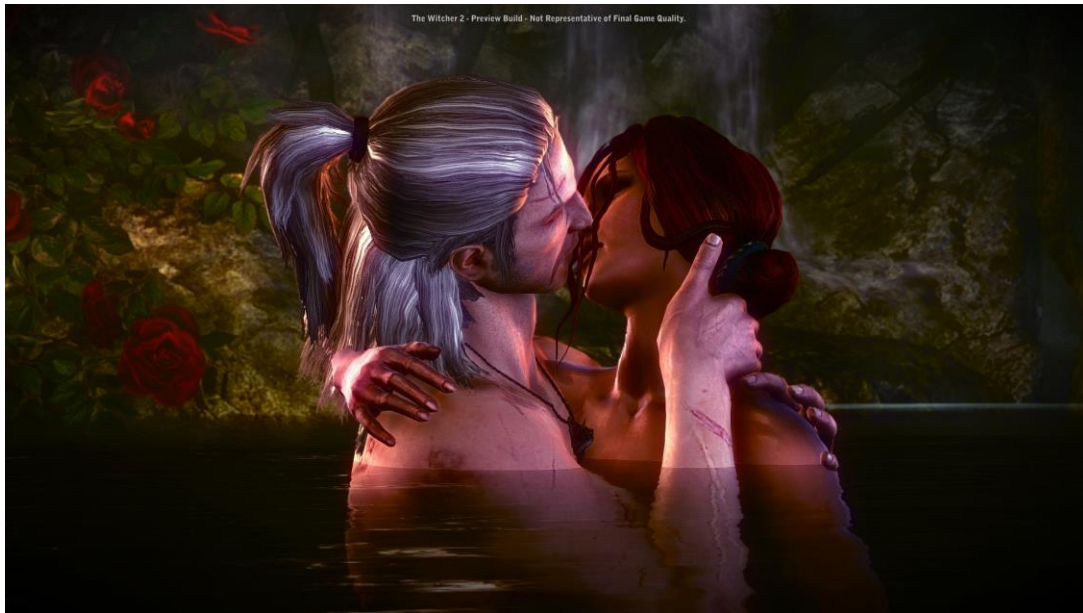
- Generalized tension as well as sexualized
- Must set up (ambiguous) dynamic
 - “Argue argue kiss”
 - Seeking comfort from friend
- To write
 - Develop “double duty” tension (e.g. rivalry masking attraction)
 - Reveal sexual element as surprise





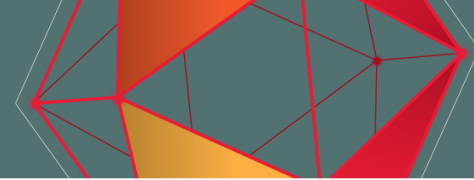
“I know what’s going to happen.”

Good version



- When sex is so “right” it falls into place
 - Expect each moment, but satisfied
- Similar to “I know, but not how”
 - More telegraphing and signalling
- To write
 - Develop tension over entire game
 - In scene, tease actions in advance



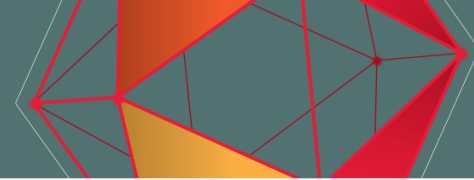


“I know what’s going to happen.”

Not-so-good version

- Character says they’ll have sex, then have sex
 - *Not* same as clear communication
- Comes across as flat / unengaging
 - No stakes or surprises
 - Instant gratification
- To avoid
 - Give the scene stakes
 - Incorporate hints of uncertainty, hesitation





“Wait, what the hell just happened?”



- Revealing sex via smash cuts, doors opening
 - Little to no buildup or warning
- Little time to build eroticism
- Two common intentions
 - Shock value / cheap laughs
 - Surprise character or relationship reveal
- To write
 - Identify best moment for “surprise”
 - Identify what expectations you subvert





Step 6: Share your recipe

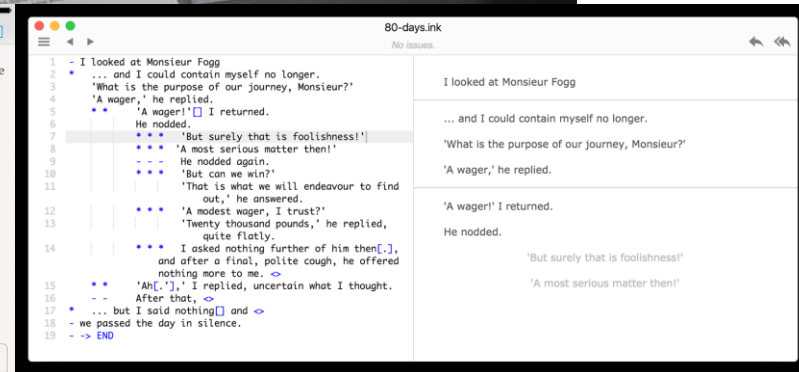
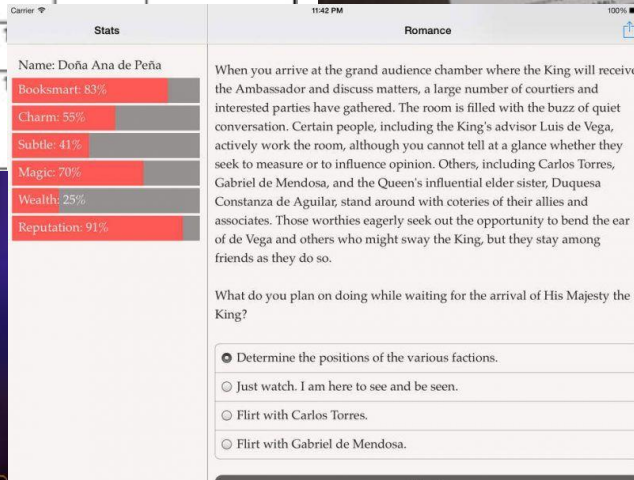
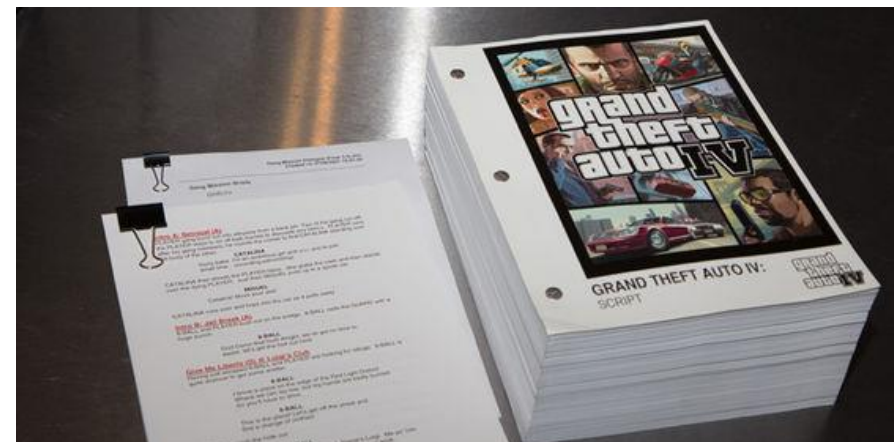


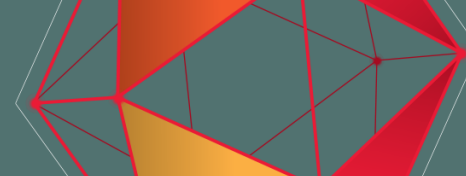
(communicate what the team needs to know)

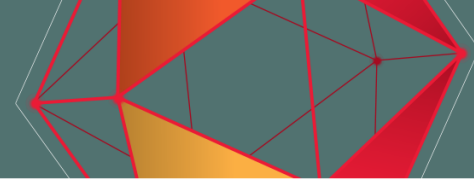


Formatting

CHARACTER	CUE	CONTEXT	INFLECTION	LOCATION	AREA	EFFECT	FILENAME
King Arthur	Hey, Lancelot. I was looking for you.	He walks in on Lancelot and Guenevere in the Garden of Naughty Conduct.	normal	Throne room, Camelot	1.2	None	m01-a02-art01
Lancelot	What's up?	He's a little nervous because he was standing awful close to Guenevere.	normal	Throne room, Camelot	1.2	None	m01-a02-lan01
King Arthur	Well, I found these panties in your saddlebags, and I was thinking. You know, they look kind of familiar.	He's setting the trap.	normal	Throne room, Camelot	1.2	None	m01-a02-art02
Guenevere	Oh, hell no.	She knows that she and Lancelot are so busted.	mumbling	Throne room, Camelot	1.2	None	m01-a02-gue01
King Arthur	Yeah. No, I'm sure there's a great explanation. Go ahead, I'm listening.	He's ready to beat somebody down, looks like it's going to be Lancelot.	sarcastic	Throne room, Camelot	1.2	None	m01-a02-art03
Mordred	Aw, snap						
King Arthur	Shut up. Let's head						







- **WHO**

- Characters – character models, assets, actors, etc

- **WHAT**

- What events take place – actors, motion capture, game design

- **WHEN**

- Time of day – lighting, level design

- **WHERE**

- Location and environment – level design, props, etc

- **WHY**

- Motivation/situation for sex – actors, game design

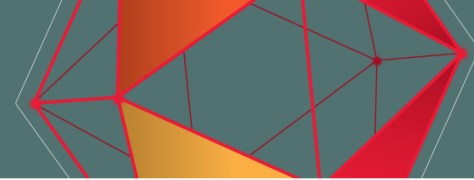
- **HOW**

- How the sex happens – animation, cinematics, motion capture

**+ MEANINGFUL
DETAILS**

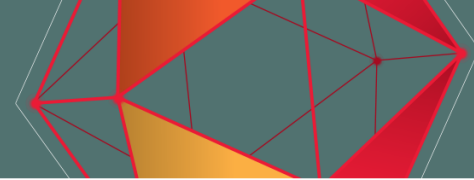
(asset design,
character models, etc)





BONUS ROUND:

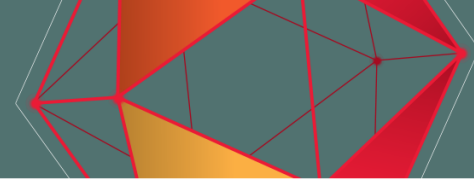




Dos and Do nots

- DO incorporate fantastical elements (where applicable)

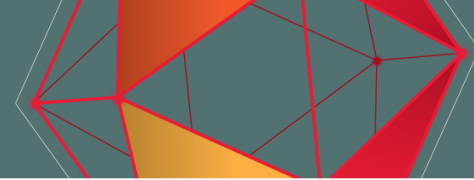




Dos and Do nots

- DO embrace humour...





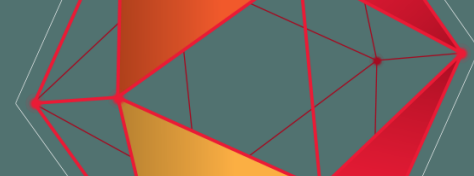
Dos and Do nots

- DO include relationships and choices without sex...



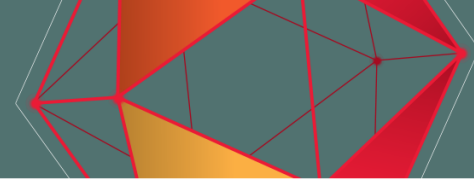
- But DO make all the ones with sex equally intimate and explicit





Dos and Do nots

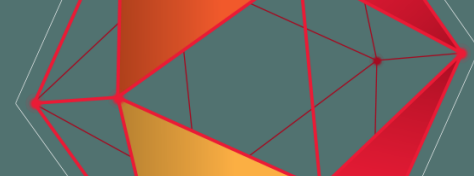




Dos and Do nots

- DO NOT write queer sex scenes with less respect, intimacy, eroticism than straight sex

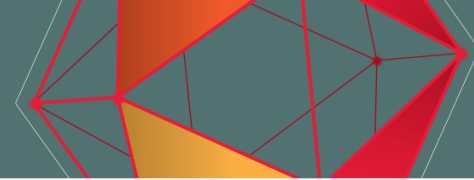




Dos and Do Nots

- DO use sex to reveal character...





Dos and Do Nots

- DO NOT make assumptions re: sex with certain groups
- Examples:



Sex with heroes =
SPESHUL, heroic, "good"

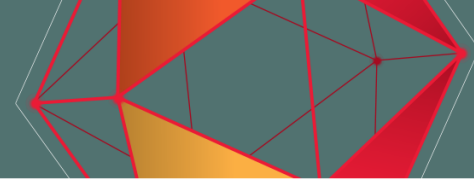


Sex with people of color = EXOTIC
AND DANGEROUS!!1!



Sex with trans characters =
Meaningless, dirty, "bad"

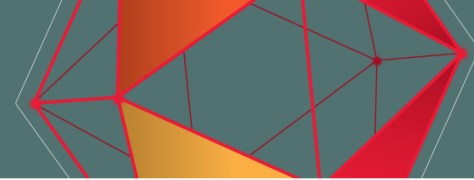




Dos and Do nots

- DO NOT reduce one character to “invisible,” “secondary,” or “eye candy”





Dos and Do Nots

- DO NOT write desire/desirability all in one direction

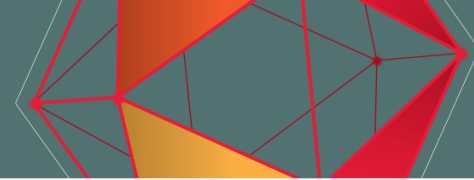


Thinks Triss is hot



Is hot





Dos and Do Nots

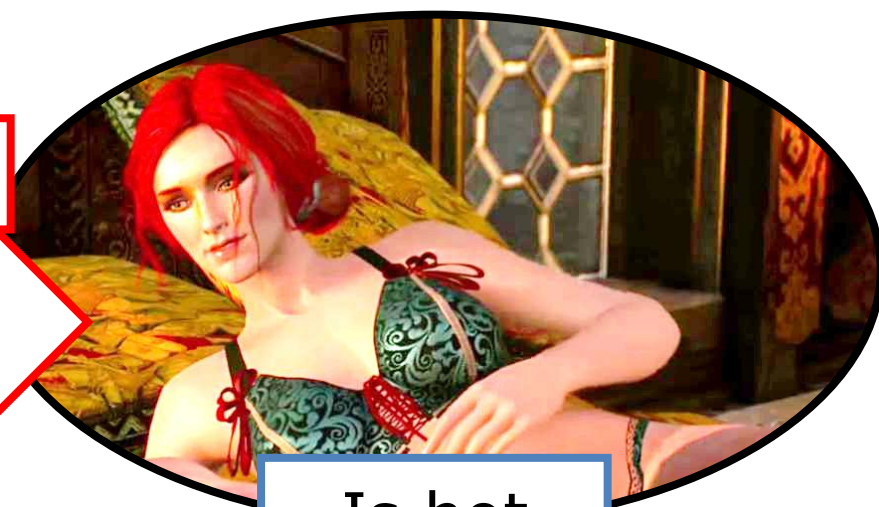
- DO NOT write desire/desirability all in one direction



Is hot

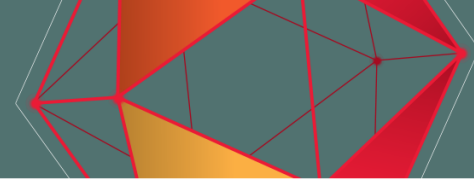
Thinks Geralt is hot

Thinks Triss is hot



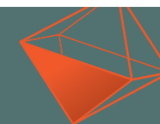
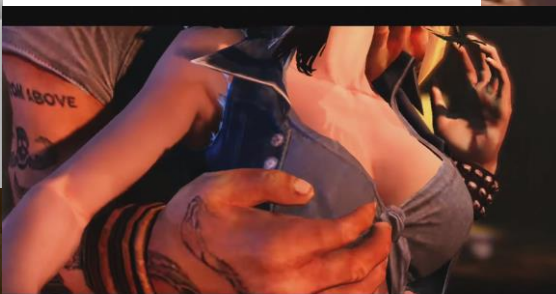
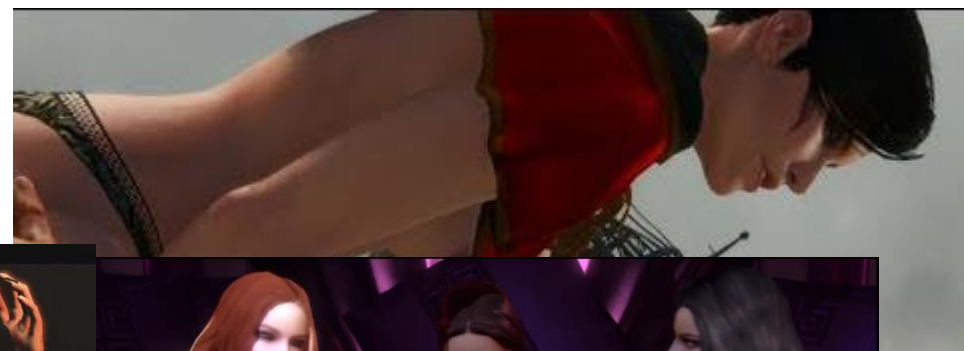
Is hot

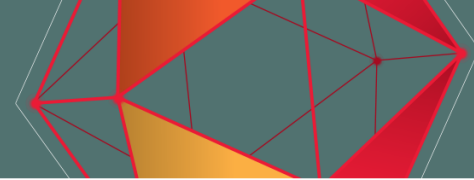




Dos and Do nots

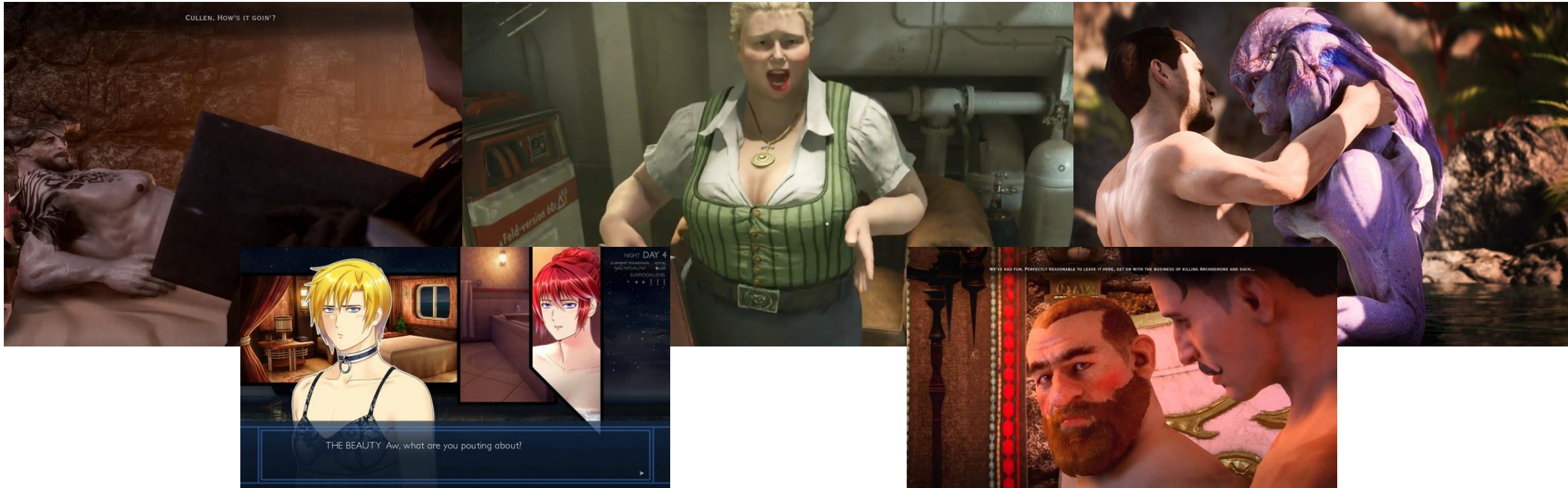
- DO NOT only write around conventionally hot women

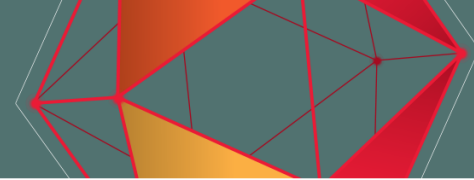




Dos and Do nots

- DO write other genders, body types etc. as sexy

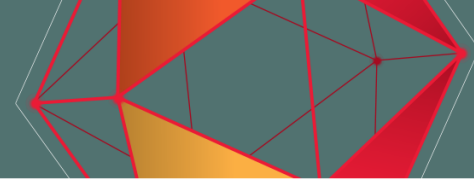




Dos and Do nots

- DO write men as desirable and sexy

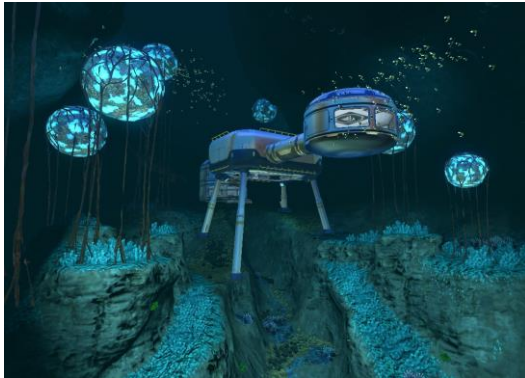
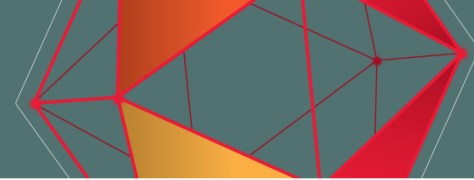




Dos and Do nots

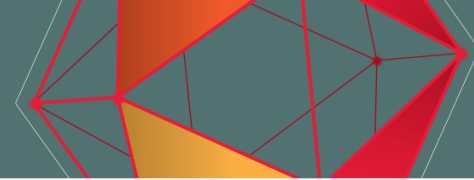
- DO write women as agents of their own desires







GAME NARRATIVE
SUMMIT

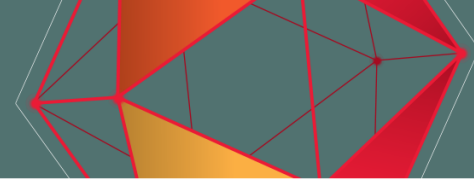


GDC

GAME DEVELOPERS CONFERENCE[®] | MARCH 19-23, 2018 | EXPO: MARCH 21-23, 2018 #GDC18



UBM



Thanks for coming!

- Please fill out feedback forms
- My other talks
 - GDC Microtalk – Thurs, 11:30
 - Romance and Sexuality roundtable – Fri, 3:00
- Get in touch:
 - michelle.clough@gmail.com
 - @michelle_clough
 - www.michelle-clough.com

