









Forward

This book reflects the many sources of inspiration behind *Ryse: Son of Rome*: quotes team members stuck up on walls, art that inspired the visuals and tone, interesting tidbits of Roman history... all invaluable references that helped us focus as we developed the game.

We've also included synopses of the characters and story, including supplemental materials such as our collectible in-game comic and our digital interactive graphic novel. You'll find information on our core game features like the intense emotional combat system, weapons, upgrades, and multiplayer; get a window into the process by which we created the game's art style and visuals; and see how we approached creating the SmartGlass experience.

With this book, we hope to bring you, our players, behind the scenes and as close as possible to the creative process. Creating new worlds & experiences is always an exciting journey, a journey I proudly took with the Ryse Team with endless surprises, discoveries, challenges, and victories.

Cevat Yerli

Game Director, CEO & President, Crytek

LIMITED EDITION

/ 200

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HEROISM & VENGEANCE The Inspiration Behind Our Story & Characters



A TALE OF REVENGE IN AN ART DECO ROME

With Ryse, we wanted an emotional story, one that captured the flavor of Rome but wasn't wedded to its exact history. Ryse's unique twist is first noticed in its Art Deco re-creation of Rome. This subtle twist let us use the best—and worst—elements of Rome and stitch them together to fit our story.

Our hero, Marius is surrounded by a mortal cast, but we wanted to represent the influence the gods had upon Rome within the story. Characters are rooted in reality but have their fates toyed with by something larger. It's an element of

uncertainty that allows the story to surprise the player. Much of the story involves moments that any individual can imagine, especially because it involves the extreme highs and lows found only during warfare.

Marius' journey takes him across ancient Rome. We wanted to provide a palette of interesting and varied locations and experiences for the player to remember. Over this journey, Rome itself changes, and one reason Marius cares so much about Rome is because he's seen so much of its vast empire.

TEAM PRINCIPLE

"Heroes don't take the stairs"

You are a Roman hero. You don't ask for directions. You don't complain. The battlefield doesn't provide you with tidy staircases. If something—or someone—is in your way, you simply **carve your way through**. You set your own direction, **no matter if it takes you through hell**.

When we were establishing Marius and what it meant to be a Roman Warrior, this was the what the team posted in the walls to help define the tone.

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Marius' Life of Heroism...

Marius comes from a wealthy, well-respected family. His father, Leontius, is a distinguished senator and retired general who served alongside Marius' new commander, Vitallion. While Marius fervidly looks forward to his first battle, eager to spread the glory of Rome with each slash of his sword, the wiser Leontius is more cautious. He knows brute force cannot solve all problems—and that sometimes the greatest threat can come from an unexpected quarter.

Despite his hotheadedness, Marius is fiercely loyal to Rome and her ideals. When his family is brutally murdered before his eyes, his zeal for battle against Rome's enemies only increases... as does his understanding, gradually, of his father's cryptic warning.

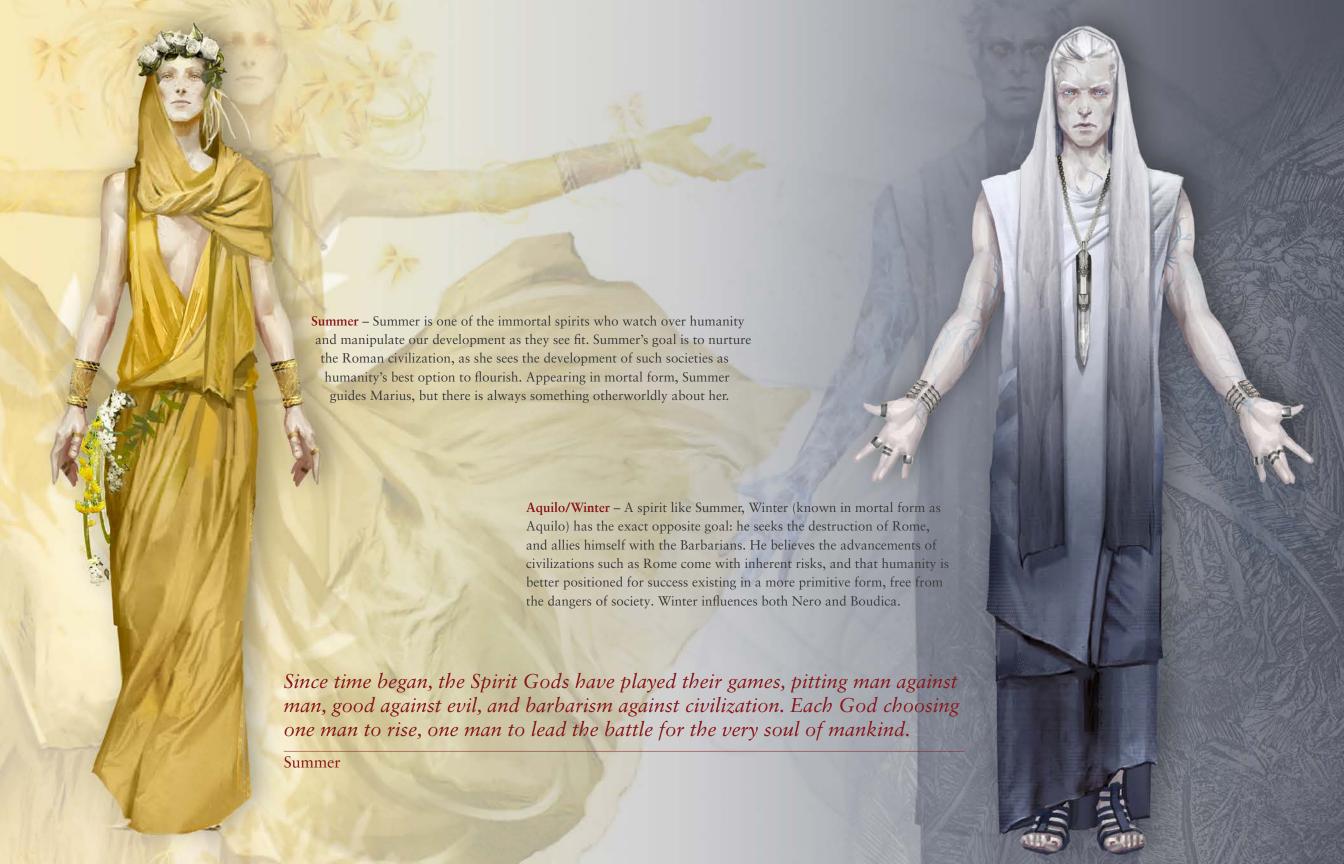
...and rebirth as Damocles

Damocles is a mythical figure from a Roman legend, one whose lesson is that commanders must never abandon their men. Once Marius understands the deception surrounding the murder of his family, he embarks on a quest similar to that of Damocles. He styles his appearance after the legendary avenger, both to conceal his identity and to strike terror in the hearts of his victims.

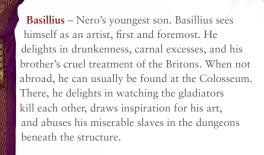


****** "With Ryse we set our challenge and said How can we increase the experience. How can we increase they story and characters compared to movies?"

Cevat Yerli {Game Director}



Nero – Nero is the Emperor of Rome. Struggling to maintain his grip on power he promotes his two sons, Commodus and Basillius, to powerful positions, letting them take control of the rebellious province of Britannia. Nero feels threatened by all potential rivals, and anyone who goes against him will suffer his ruthless retribution.



Commander Vitallion - Vitallion is a charismatic and dedicated general who has served Rome for decades in many campaigns. As events transpire he begins to wonder if duty has its limits, and whether self-restraint is always the correct course of action.

> Glott - Enigmatic leader Northern Barbarians, rumored to be more beast than man. Very little is known about him except that he is fiercely independent and will make war on both the Romans and Oswald's tribe.

Boudica - The daughter of King Oswald, ruler of the Britons. Strong and resilient, Boudica hates Rome, and with good reason: under Roman rule, her people are made to suffer horribly. When her father faces retribution from a perceived insult, it galvanizes Boudica and she rallies her people to rise against their oppressors. Boudica is a principled woman who will go to the ends of the earth to save her people.

Commodus - Nero's eldest son, assigned as governor of Britannia. Commodus sees himself as a god, and the people of Britannia as his subjects. His reign there is characterized by brutal repression against anyone who questions his right to rule. Commodus is a trained fighter and a dangerous opponent in battle, but his impulsiveness is his greatest weakness.

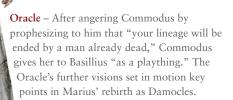


Oswald - Benevolent king of the Britons. He leads a rebellion against the tyrannical rule of Rome, but when the Romans brutally repress the rebels, Oswald submits to Roman dominance in hopes this will spare his people. His naivete leaves him vulnerable to the Romans.

Leontius – *Marius' Father* – Decorated retired General, popular member of the Senate. He fought alongside Vitallion in the 14th legion. His loyalty to Rome is the most important thing to himself after his family.

Septima – Marius' Mother – A strong and loving woman, Septima has long known of Marius' bravery; as a young child Marius protected his sister when a wild dog threatened her. Septina's political wisdom has served Leontius well during his term in the senate.

Honorata - Marius' Sister - Artistic and intelligent, Honorata has learned from her parents what it means to be politically savvy. She strives to improve Rome and one day influence the senate as her mother and father do.









LEVEL I | THE BEGINNING

A wealthy older man in a toga runs through a darkened, opulent palace, his pace harried and uneven, his breathing ragged. The building shakes as if struck by some unseen force; ominous sounds thunder outside and bits of plaster rain down from the ceiling. The old man stumbles and falls.

He gets to his feet at the base of a magnificent marble statue and tries to pull himself together, but his unease turns to panic as the statue's eyes begin to cry tears of blood. Terrified, the man screams: "He's here... He'll kill me!" Running through a

grand doorway onto a sprawling balcony, he looks out upon the vast spectacle of first-century Rome... in flames. Roman soldiers battle rampaging Barbarian hordes throughout the city. The man cries out to any who will hear, "Defend your Emperor! I, Nero Augustus Germanicus, command it!"

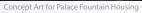
General Marius, leading the Roman defense in the streets below, sees Nero on the balcony above. Rallying his men, he galvanizes their wavering spirits and inspires them to counterattack the Barbarians, repulsing their assault on the palace, while he himself fights his way inside to join his emperor. Marius leads Nero to a treasure vault deep in the palace and secures the door; Nero is hysterical, saying someone called Damocles has come to kill him. Marius dismisses Damocles as a mythical ghost. Nero asks who told Marius that, to which the general replies, "My father."



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Concept Art for Palace Victory Wall



Concept Art: Panic Room, Details



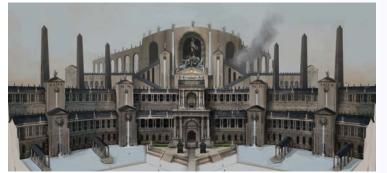
Concept Art for Palace Plaza Gate



In-Game Collectible Comic I. Roma Aeterna

As Rome burns and Barbarians rampage, a mysterious, otherworldly woman ponders the eternal battle between order and chaos. She muses on the need for a hero... and just then, General Marius sweeps in to turn the tide of the defense. The Barbarians fall back, but word soon comes they are rallying at a nearby aqueduct. This triggers a memory in Marius: When he was a young recruit fresh out of training, awaiting his first posting, he witnessed firsthand the brutal treatment of the slaves who built the aqueduct, at the hands of a haughty Praetorian Guard.

Appalled that the Praetorian would exploit his power to abuse a humble slave, Marius intervenes and saves the slave's life, to the Praetorian's disgust. A soldier's report that the Barbarians have renewed their attack snaps Marius back to the present, and he prepares for battle, marshalling his own strength to fight to the death for the Empire he loves.



Conceptual Paintover of Nero's Palace

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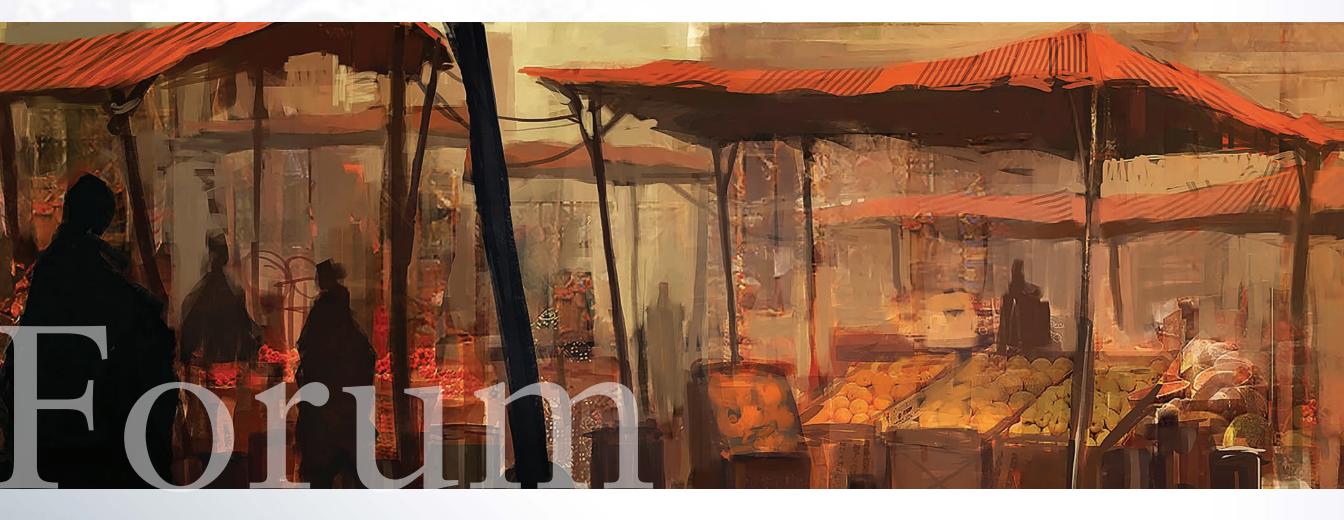












LEVEL II | S.P.Q.R.

Ten years earlier, Marius, fresh out of training, visits his father Leontius at his Roman villa. Eager to fight for the glory of the Empire, Marius laments that he's being deployed to a peaceful province, but Leontius, a retired general, urges restraint. By keeping a clear head, he says, Marius will thrive in the army and one day ascend to a position of command; there, levelheadedness will be crucial.

Leontius relates the legend of the Centurion Damocles.

Abandoned on the battlefield by cowardly generals, Damocles

died fighting impossible odds, but Nemesis, goddess of revenge, allowed him to return from death to murder his betrayers. His story is a cautionary tale to commanders to always look after their men. Leontius gives Marius a dagger with an image of Damocles on its scabbard.

Before Marius can admire this gift, a small group of Barbarians raids the villa, killing his mother and sister. Marius and Leontius attack the raiders but become separated during the fight. Searching for his father, Marius encounters a mysterious,

otherworldly woman with flowers in her hair, who directs him down an alley. He finally finds his father, but it's too late: the Barbarians mortally wound the old man with a strange sword bearing a snake insignia. As an arriving Roman general and his men dispatch the raiders, Leontius weakly whispers to his son, "Save Rome from them," and dies. Devastated, Marius swears revenge on all Barbarians. The general, Vitallion, attaches him to his legion, bound for Britannia.

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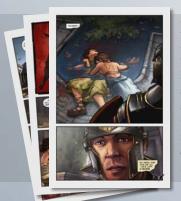




Concept Paintover for the Grand Dome

"When casting Ryse, we looked for theater actors, or actors with a great amount of theater and television experience. We wanted people who could stay emerged in the scene—the whole scene—because when you do performance capture, you really let the scene run. You don't cut up individual setups."

Peter Gornstein (Director of Cinematics)



In-Game Collectible Comic II. Cave Canem

Marius and his father, Leontius, fight the Barbarians attacking the villa. As Marius cuts down the last of the raiders in the courtyard, he sees something that shocks him... and casts his mind back to a more innocent time. He remembers admiring his father's sword and showing it to his sister, Honorata—and then needing to use it when a wild dog entered the villa and attacked them! His mother praises young Marius for his bravery, and tells him of the eternal forces of chaos and order; his actions today have saved his family's lives and dealt a blow to chaos. Marius swears to always

protect his family... but back in the present, looking on the bodies of his mother and sister—cut down by the Barbarians—he realizes that Rome is now the only family he has left.



Concept Paintover for Grand Court

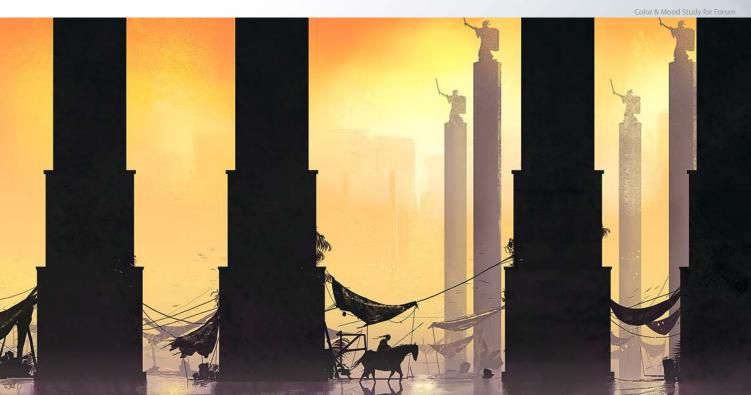


Concept Art for Market Stalls

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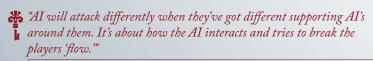
⟨ HEROISM & VENGEANCE ⟩





Mood & Lighting Study for Marius' Villa





Ade Esan {System Designer}



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LEVEL III | TRIAL BY FIRE

The Fourteenth Legion, led by Vitallion, sails to Dover, the famed white cliffs Marius' first glimpse of the province of Britannia. Their mission is to reinforce a coastal fort that serves as a Roman base of operations in the region, as well as commanding the approach from the sea. But as they sail toward the beach, the fort opens fire on them—it's been seized by rebellious Barbarians! Marius and his men land under fire and fight their way to the fortress, sustaining heavy losses. During the battle, Marius briefly observes a strange, otherworldly man with brilliant white hair watching the action.

With his Centurion dead, Marius seizes the initiative and leads his unit in taking out the enemy artillery, which is tearing up the Roman ships. The primary threat thus neutralized, Marius and his men press the attack and kill the remaining Barbarian defenders, and the legion retakes the Roman fort. General Vitallion, impressed with Marius' quick thinking and decisive action, promotes him to Centurion.

Any celebration is short-lived. A messenger reports that King Oswald, ruler of the Britons, is advancing on the Roman-held

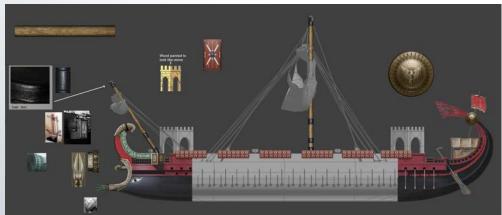
city of York. Commodus, governor of Britannia and son of Emperor Nero, has engaged them with his forces, but is now missing. Vitallion rallies the legion and they march for York.



RYSE: SON of ROME ▶







Conceptual Paintover of a Tireme

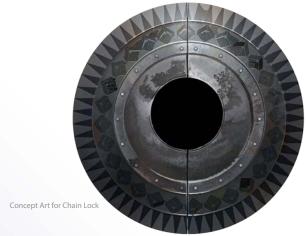


Concept Art for the Chain Tower Mechanics



In-Game Collectible Comic III. Quo Vadis?

En route to Britannia aboard their ship, Marius' comrades discuss the barbarian province. A seasoned Centurion tells of his first campaign there, serving with Vitallion. During a fierce battle, their legion was nearly annihilated, but was saved thanks to the bravery and tactical brilliance of another general, who successfully flanked the enemy despite grievous wounds. The men aboard Marius' ship ask the name of this courageous general, and are told he was Leontius Titus: Marius' father. Wordlessly, Marius reaffirms his oath to avenge his father's death.





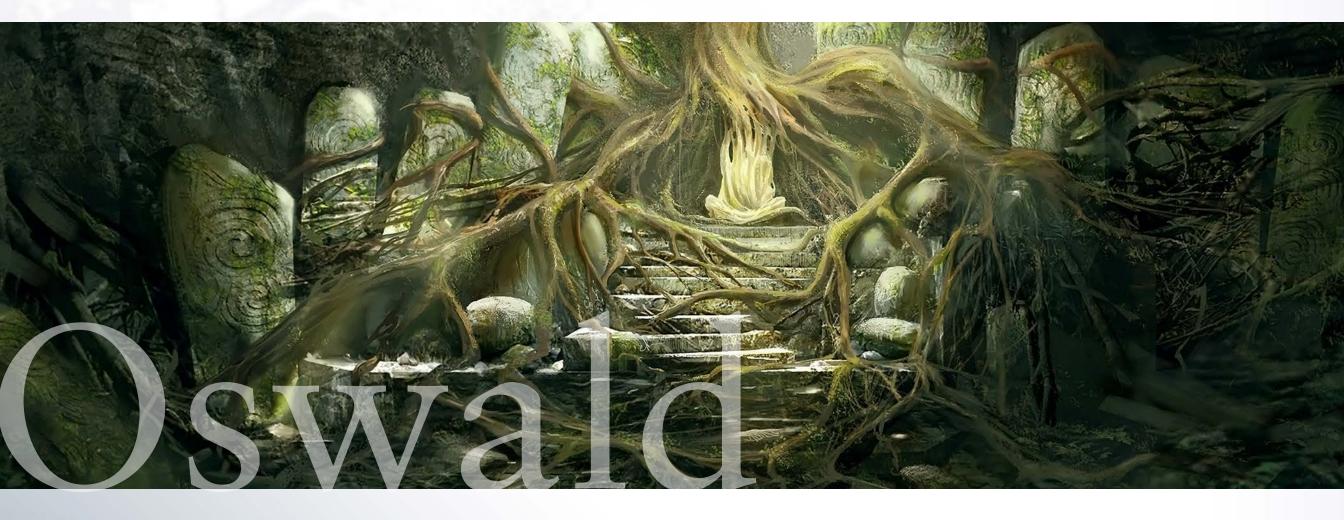
Conceptual Paintover for the Chaintower Door

₹ RYSE: SON of ROME >









LEVEL IV | THE KING

Reaching York, Marius is eager for a frontal assault on the numerically superior besiegers, but Vitallion has a more considered strategy: capture King Oswald, then use him to broker peace with the tribal chiefs. On Vitallion's orders, Marius leads a small group of men in a nighttime raid on the Barbarian encampment. After killing the archers guarding the approach and neutralizing several sentries, they locate Oswald and his daughter, Boudica. Boudica is a fierce warrior, but Oswald, fearing the worst for his child, surrenders to the Romans.

In the morning, the legion approaches York and witnesses a gruesome scene: mass atrocities perpetrated on the people of Britannia by Governor Commodus and his Praetorian Guard. Disgusted, Vitallion speculates that this horrific treatment is the cause of the rebellion; Britannia was previously a peaceful province.

At York, Vitallion is greeted by Basillius, son of Nero and brother to Commodus. Basillius is backed by his Praetorian Guard and advised by the strange white-haired man Marius saw in Dover. Sadistic and merciless, Basillius berates the Barbarians as subhuman savages. He gleefully threatens Boudica with torture until Oswald reveals the whereabouts of Commodus: he was traded to Glott, enigmatic Horned King of the wild northern regions.

Smug in his victory over Oswald, though perhaps disappointed Boudica was not harmed, Basillius orders Vitallion to recover Commodus.

₹ RYSE: SON of ROME ▶







Concept Art for the Entrance under the Tree







Concept Art for Chamber Root Pillar

In-Game Collectible Comic IV. Casus Belli

The white-haired Praetorian commander alerts Governor Commodus that the Britons are mounting a siege—and suggests Commodus could kill the barbarian king, Oswald, if he seizes the initiative and rides out to attack them. Commodus jumps at the chance, but is so blinded by his desire for glory that he forgets all military discipline and blunders into an ambush. Captured alive as his men are slaughtered, Commodus begs for mercy and assures the Britons he'll be ransomed, but instead they offer him to Glott, enigmatic Horned King of the wild northern lands.

Boudica, Oswald's daughter, questions the wisdom of this move, but her father assures her this gift will pacify Glott and secure their northern border, so that they might concentrate on their offensive against the Romans.



₹ RYSE: SON of ROME >











LEVEL V | EDGE OF THE WORLD

When Marius' legion ventures beyond the wall into the bleak, untamed lands of Northern Britannia, they march into the realm of nightmares. Uneven and boggy land, dark forests, impenetrable mists, and the unforgiving, all-consuming cold... While these miseries distract the Romans, Glott's warriors stage an ambush, catching the legion completely unprepared. Marius is attacked by a massive Minotaur—this is Glott, the Horned King of the North. As the legion is decimated and General Vitallion is taken prisoner, the monstrous Glott kicks Marius over a cliff, knocking him out.

Marius wakes up hours later, alone in the frozen forest. But he is not alone: the strange woman with the flowers in her hair appears, the same woman he saw the day his father died. She guides Marius to an encampment, where he kills several Barbarians and frees a few captured legionaries.

Rallying these men, Marius leads an attack on Glott's camp, where the Barbarians are preparing to kill their Roman captives by packing them into an enormous wicker man and setting it ablaze. After freeing several of his comrades and taking

out many of Glott's warriors, Marius kills the Horned King himself—and learns he is a man after all, wearing a helmet stylized as a Minotaur.

Marius and his men rescue Vitallion and the remaining Roman captives, as well as Governor Commodus, who is livid. The survivors head south... toward civilization.



₹ RYSE: SON of ROME ▶



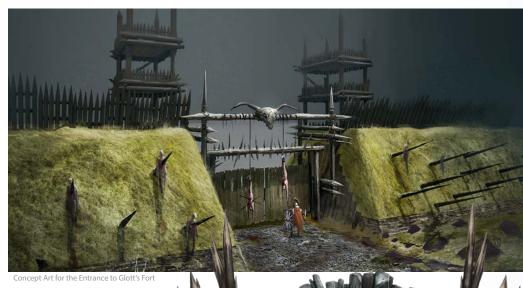




Concept Art of a Small Barbarian Fort



Concept Art for Barbarian Camps





In-Game Collectible Comic V. Hora Incerta

Imprisoned by Glott, the Horned King, Commodus and Vitallion watch as the druids build a huge wickerman. An oracle approaches them and prophecies to Commodus: his lineage will be ended by "a man already dead." Enraged by her insolence, Commodus vows that, when rescued, he will seize her alive and give her to his brother, Basillius, as a plaything. The oracle's prophecies are cut short by Glott, who throws her to the ground as he approaches Vitallion's cage and has him pulled out. Vitallion grabs a captured gladius from one of Glott's minions

and lashes out at the Horned King himself. Though Glott counterattacks before he can land his strike, the action reveals that Glott is not a beast after all, but merely a man wearing a massive horned skull as a helmet. As he is dragged toward the wicker man, Vitallion reflects on this.

Glott Inner Gate Concept

₹ RYSE: SON of ROME >



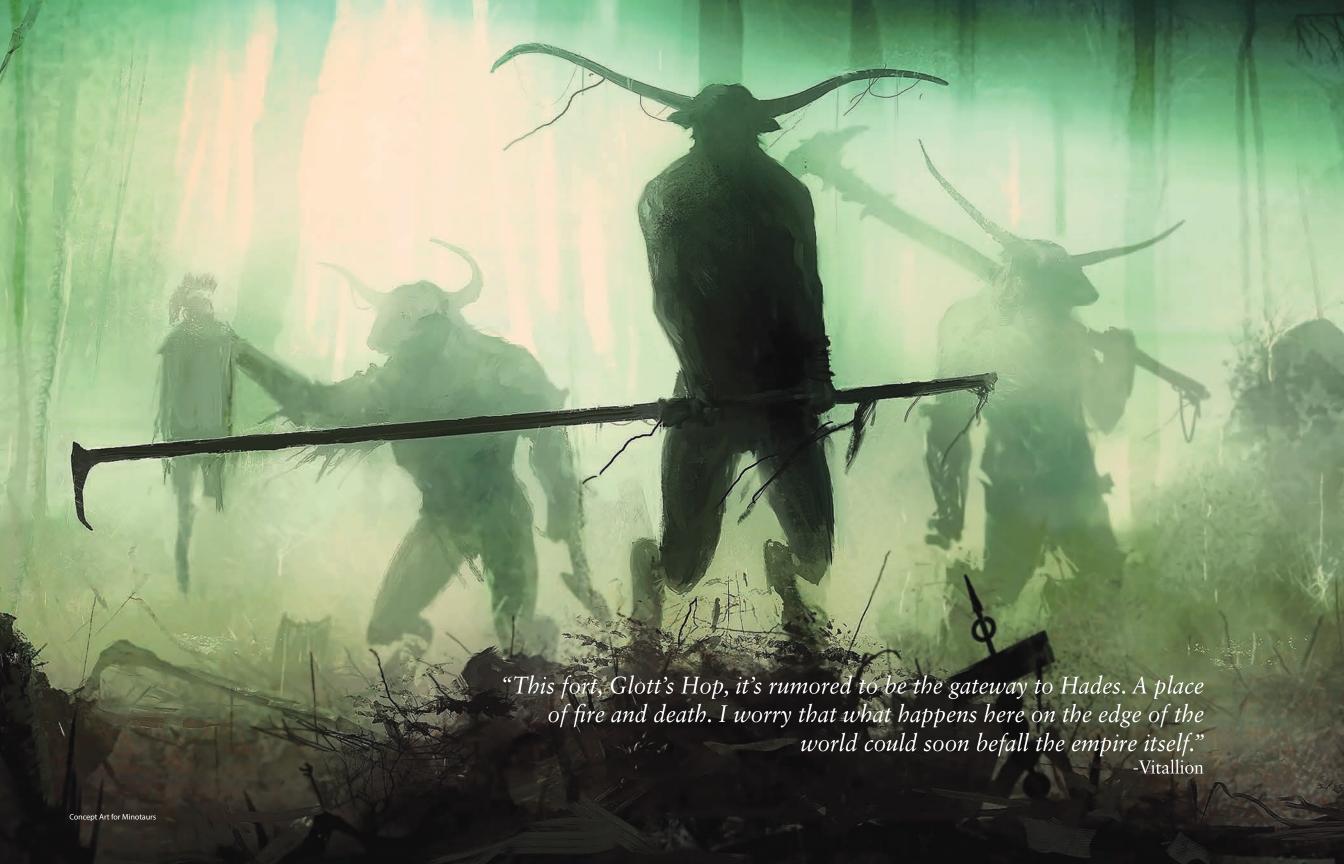


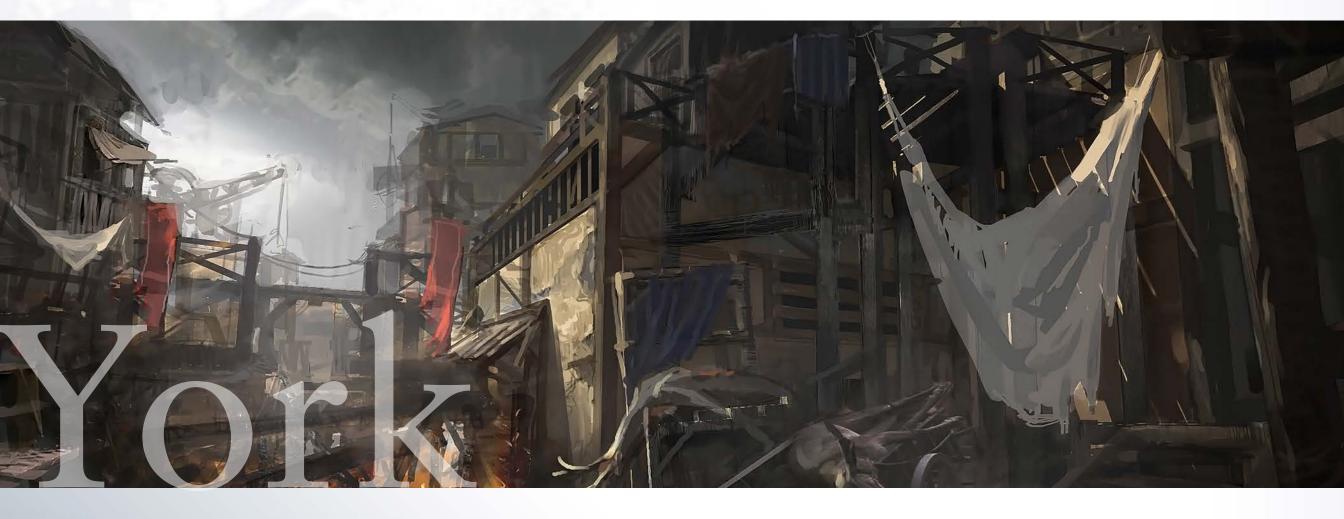












LEVEL VI | PAX ROMANUM

The warriors and chiefs of many Barbarian clans have assembled to watch King Oswald submit to Rome, in exchange for peace. But the solemn occasion explodes in chaos when Commodus murders him in cold blood.

Marius recognizes the snake insignia on Commodus' blade as the same one on the sword that killed his father. He realizes "Save Rome from them," meant not the Barbarians, but the Imperial family. Despite this revelation, Marius is in no position to do anything about it. The enraged Barbarians are bent on massacring every Roman in York; only the selfless efforts of Marius and his men ensure the evacuation of several civilians. Meanwhile, Oswald's daughter, Boudica, tries to kill Commodus, but the white-haired man stops her, quietly directing her away from the melee.

As Commodus and Basillius flee the city, Marius allows his men to escape by single-handedly holding a narrow bridge against the onrushing horde. Finally overwhelmed and badly wounded, he falls into the brackish, muddy river, dropping the Damocles dagger his father gave him. The woman with the flowers in her hair appears, retrieves the dagger, and drops it after him.

Visions flash: Nero, Commodus, Basillius, and their evil deeds. The death of Marius' family. The Damocles dagger drifts down into Marius' open hand, and he grasps it. Marius bursts from the river, the very image of Damocles: armor blackened with mud, eyes filled with hatred.

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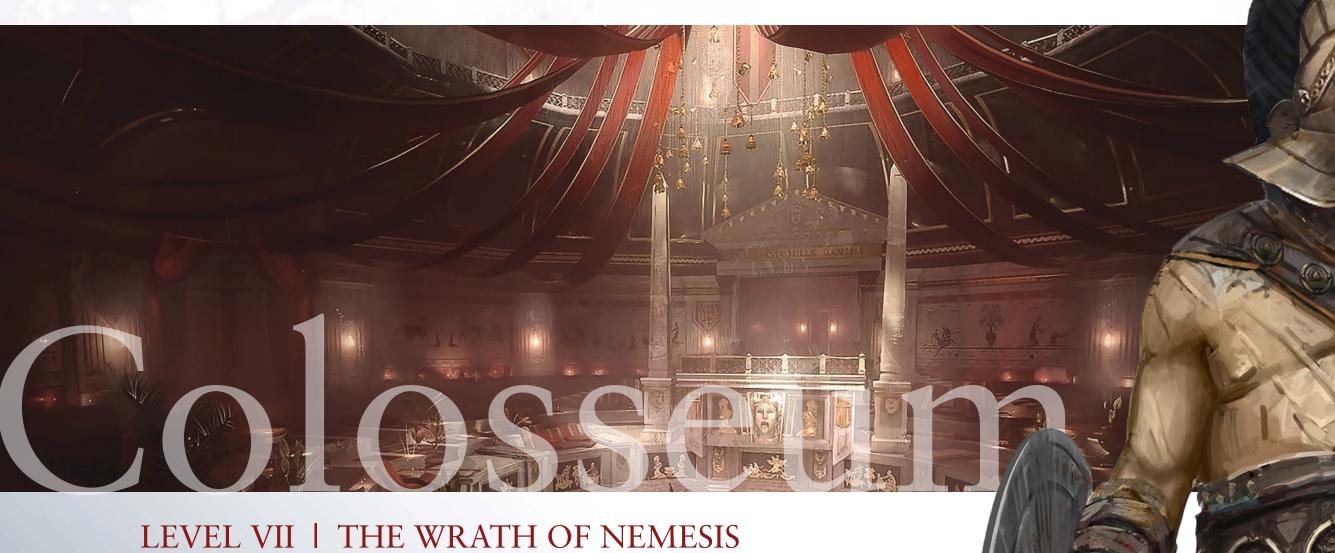












Marius returns to the ruin of his father's villa in Rome, where the woman with the flowers appears again. Though she does not say who she is, she cryptically informs Marius he is "a vital piece in the Game of Man." Speculating that Nero killed Marius' father, a senator, because he was a potential political threat, she repeats Leontius's dying words—"Save Rome from them"—and is gone.

Following the disaster in Britannia, Commodus is holding gladiatorial games to curry favor with the people—and will

fight the top gladiator himself. Marius finds Basillius, who controls entry into the contest, in his drinking den/harem in the bowels of the Colosseum. After securing entry for himself, Marius brutally kills Basillius, and frees several of his terrified slaves... including a captive oracle, who prophecies: Damocles will be killed by a Roman general, and Nero can only die by his own hand.

Marius fights a series of gladiatorial battles in the Colosseum, defeating all comers and ultimately facing Commodus, whom









Concept Art for a Column in Basilius' Workshop





A wounded Roman soldier crawls through the ruins of a town in Britannia and finds himself face to face with a fearsome female warrior. Incredulous that she is apparently the leader of the Barbarians, the soldier asks her name—and she tells her story: After the murder of her father, she fled into the crowd as the city erupted in chaos. Near the docks, she was attacked by two Romans, but through the intervention of the white-haired man who stayed her hand in York, she managed to turn the tables on her would-be assailants and kill both men. Escaping the city, she

went before the tribal chiefs and invited them to join her in a bold campaign against Rome. When the first chief who balked at following a woman was coolly dispatched by her blade, the others listened in shocked silence as she vowed to unite all Rome's enemies as allies and attack the heart of the Empire. Inspired, the chiefs soon joined her cause and rallied their warriors.

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⟨ RYSE: SON of ROME ⟩









"I've seen you in my dreams. Cut me loose if you wish to know your future. Fallen hero of Rome. Spirit of vengeance."
-Oracle







Concept Art for Colosseum Battle



Paintover of Colosseum













LEVEL VIII | THE SON OF ROME

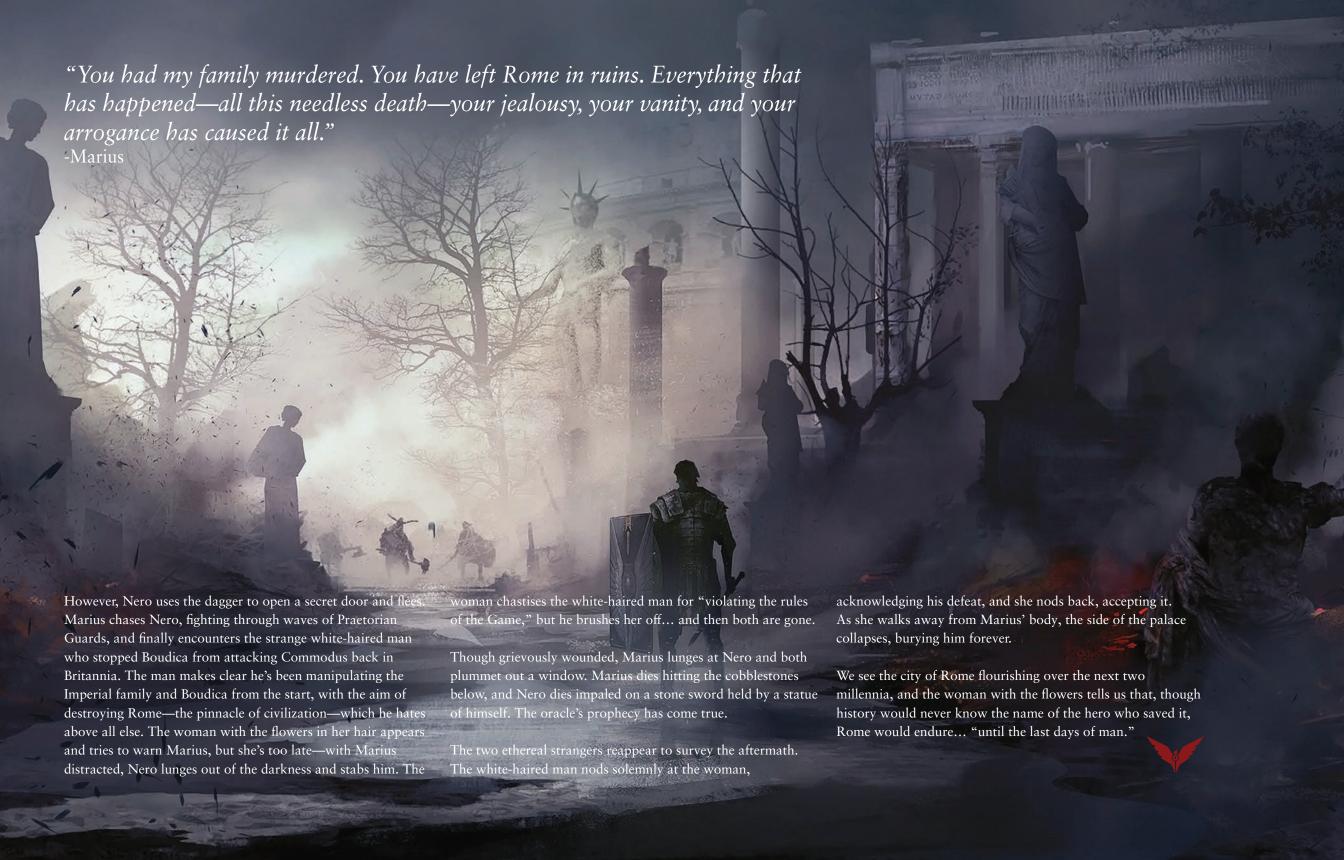
Marius and Vitallion fight heroically, but there is seemingly no end to the Barbarian army. Marius volunteers to lead a counterattack; Vitallion takes that duty for himself and promotes Marius to general, in overall command. Vitallion's charge encounters mighty war elephants and the enemy leader herself: Boudica. As Marius watches, unable to reach his friend and mentor, Boudica kills Vitallion. A boulder launched from a catapult crashes into a nearby building and Marius is knocked senseless; he has a vision of the woman with the flowers in her hair, who inspires him to return to the fray.

Marius fights his way to Boudica. Sizing each other up, they acknowledge that they share a common enemy—and that, under different circumstances, they might have been allies. However, since Marius wants to purify and strengthen Rome, while Boudica seeks to annihilate it, they must always be enemies. They fight, and Marius decapitates her.

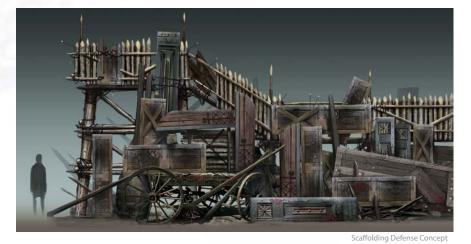
Nero appears at the palace window and calls for help: "Defend your Emperor! I, Nero Augustus Germanicus, command it!" Marius gives Boudica's head to a Centurion and orders him to display it from the top of the palace, to break the enemy's spirit. Marius fights his way to Nero and secures him in a treasure vault.

As we return to the present, Marius draws his Damocles dagger and moves to kill Nero. But Nero cites the oracle's prophecy: the emperor can only die by his own hand. He begs to be allowed to commit suicide, and Marius gives him the dagger.

₹ RYSE: SON of ROME ▶







Scorpio Concept Art







Staues in the Snow Concept Art



In-Game Collectible Comic VIII. Ad Infinitum

As war rages in the streets of Rome, the white-haired man and the woman with the flowers in her hair discuss their mysterious agendas. She chastises him for his apparent fondness for, and encouragement of, war. She thinks back to a time lost to history, when she showed two tribal girls how to make fire—and how, before they could teach their people the secret, savages attacked their village, encouraged by the white-haired man. No one was to be spared... Back in Rome, he brags to her that he always wins their games, but the woman calls him overconfident—and remembers how, on the day of that long-ago massacre, one child escaped with the knowledge she'd been given.



Concept Art for War Elephant

Nero was declared a public enemy by the Roman Senate, and he committed suicide rather than being arrested.

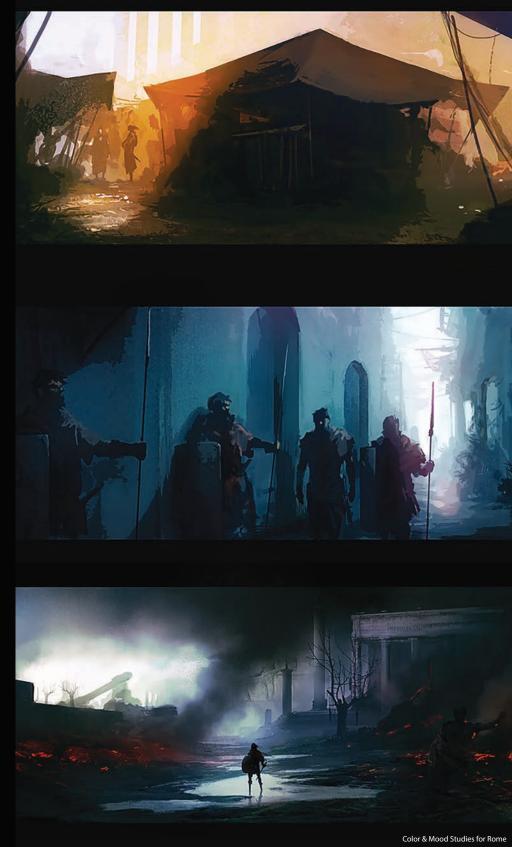
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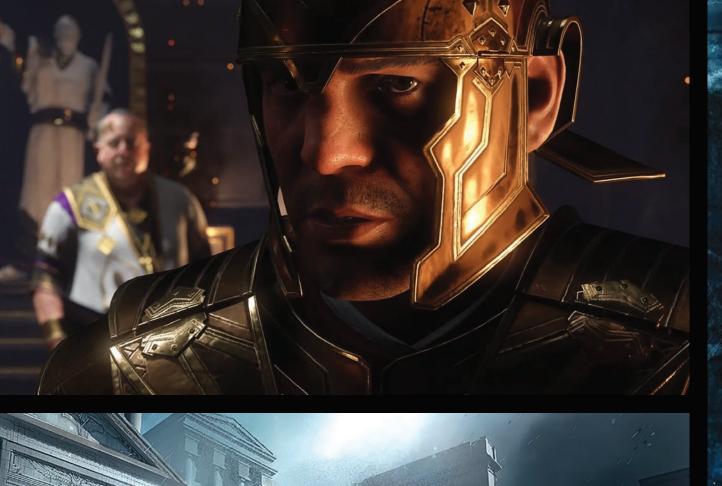
∢ RYSE: SON of ROME ▶





"We're not much different, you and I. Fate has made us enemies. But in another life..."
-Boudica

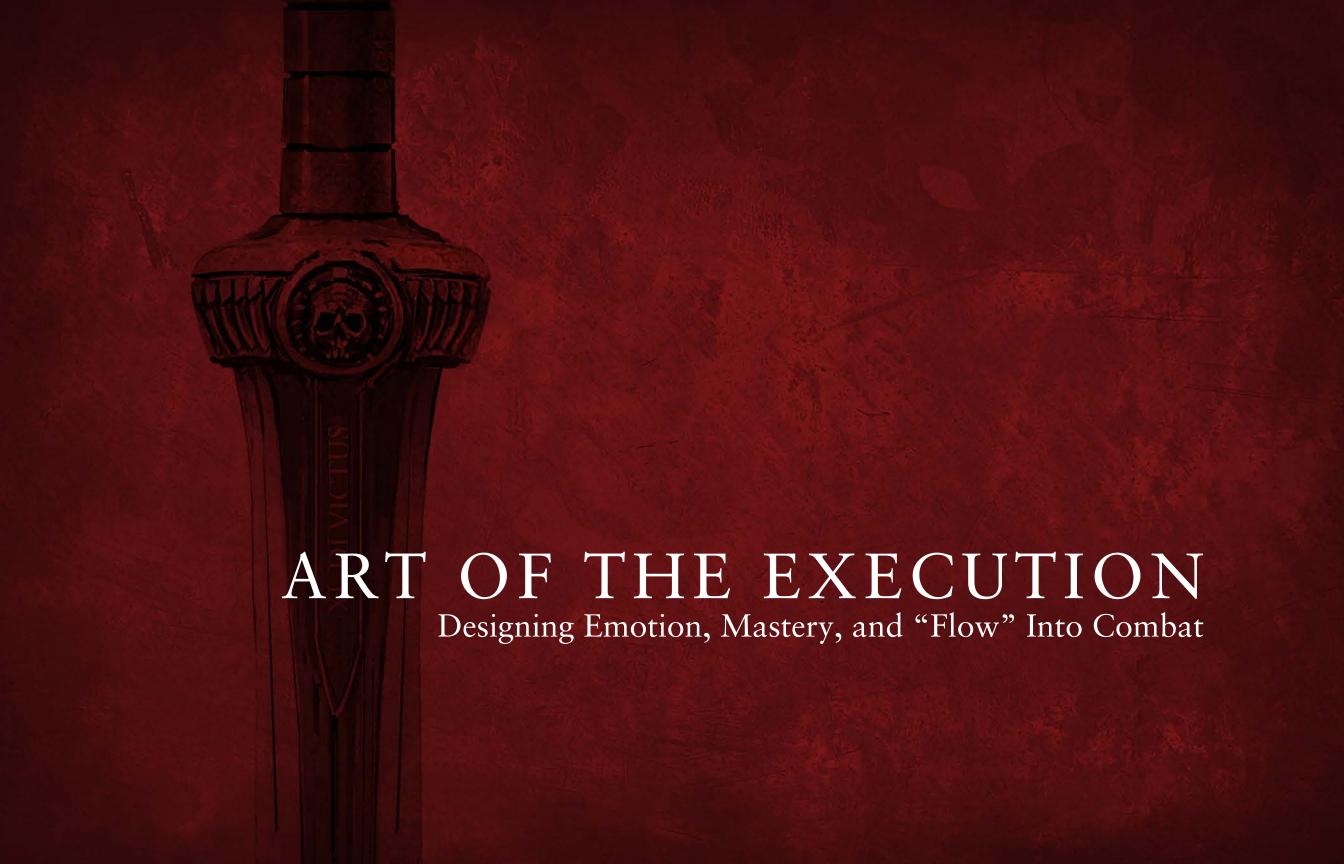














TIMING IS EVERYTHING

When we set out to create the combat system for Ryse, we asked ourselves one simple question: what does a Roman hero think about as he steps into combat—whether against one or one thousand? How does he read his surroundings and his enemies differently than an average man? An elite Roman soldier would perform with far greater skill in combat than would an average man; how do we allow players to express that difference in ability in Ryse?

We knew that this next generation would have enough power to allow us to get really close to characters—and that they could actually "get better" at this distance. In previous generations, this was tricky to do in gameplay, because when you'd get really close you'd notice textures swimming, or edges of polygons, etc.—all things that pulled you out of the moment. With this new hardware, we wanted to show the emotion on the face of the man you were fighting, how he felt when you took off his arm. We wanted it to be personal. What you experience when you fight someone who's six feet to six inches

in front of you is very different than what you experience when you shoot someone from a hundred yards. The performance capture, camera angles, slow-motion, inputs of the player—we set out to make all of these things work together to create vivid moments players would remember.



"If you get close to a fire, there are numerous executions there; if you're in the water, if you're against a wall, a ledge, it goes on and on—the executions really stack up."

Brian Chambers {Senior Producer}

∢ RYSE: SON of ROME ▶ 60

We settled on a few high-level goals: • The emotion of brutal, up-close-and-personal sword-and-shield combat is evident on our hero's face—and every opponent

- Our combat "flows"—both visually and in gameplay
- Timing is everything: reading animation "tells" and timing responses properly separates the recruits from the legends
- Every part of a Roman hero is dangerous: his sword, his shield, his body, his legionaries
- Our Roman hero becomes more deadly with every encounter: every bit of experience counts toward upgrades

These goals drove our technology, performance capture, combat and animation systems, level layouts, scoring mechanics—these goals drove everything. We wanted our players to feel powerful, both in living through Marius' journey as a hero, and in building their own heroes to fight as a gladiator in front of roaring crowds.

Whether you're fighting as Marius, or as a gladiator in the Colosseum, you are a hero.





TEAM PRINCIPLE

"Our shield isn't for defense"

Roman heroes don't cower behind a shield. They don't just block. They trip, bash, clothes-line, and trap their enemies with it. They slash throats with its sharpened edge. A Roman hero is the ultimate weapon, existing only to defend Rome.

The best defense is a good Sword & Shield offense.

DESIGNING FLOW | A LEGENDARY ATTACK SEQUENCE

During combat production we mapped out a variety of methods for players to fight their way through encounters, and we did so across a spectrum of player expertise, level "setups," and particular styles of play. Mapping these sequences out allowed us to talk about the various layers of mechanics a player could bring to bear before, during, and after a fight. It also allowed us to identify the best techniques for particular one-on-one, one-on-many, and multi-group

fights (where additional Barbarians run over to "add" to a fight already in progress). We talked through innumerable sequences; below is one example of a way an expert player could approach an encounter with two small groups of Barbarians in order to "flow" through the entire battle—maximizing the XP earned and showcasing the previously upgraded executions.















Heroes Assess the Battlefield: Our player evaluates the landscape and enemies in front of him. He knows he can eliminate the group of two Barbarians before the group of three closes range. He switches his Perk to "Focus" so he'll be able to amplify his attacks against the bigger group. He sees a dangerous environmental asset (fire) he can use to his advantage during an execution.

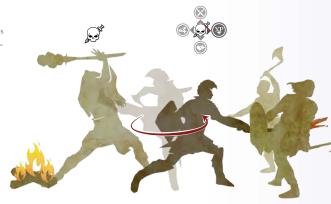


Heroes Lead With Strength: Our player "Quick Throws" a pilum at one barbarian, and then closes distance by flowing into a "Heavy" shield attack (hold **①**) in order to open up the second barbarian's defenses and impart maximum damage.









Heroes Stand Their Ground: Rather than "Evading" (by rolling away) the incoming attack, our player flows out of the Execution and into a "Perfect Deflect" by deflecting at the last possible moment. His risk is rewarded by not only blocking the incoming attack but also by spinning that attacker into a Critically Stunned state—and by being in a position to flow straight into a "Quick" (tap 8) sword attack.

Heroes Can Focus on Many Attackers: With the leading attacker stunned, and with the Focus earned via executing one of the Barbarians from the first group, the player has a window to use Focus—simultaneously slowing the Barbarians attacks while speeding up his own. The player then flows between enemies in order to get them all to an Executable state. During these attacks, he switches back to the XP Perk —as he wants to earn as much as possible to purchase upgrades with.

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Heroes Attack Efficiently: With one barbarian dead from the opening pilum attack, our player lands "Perfect Hits" by starting each successive hit exactly as the previous hit lands on the barbarian's body—putting him into an "Executable" state.



Perfect Hits flow together more quickly than poorly-timed hits, allowing the player to trigger the execution... earning Focus of just before the larger group arrives.



Heroes Execute With Style: Our player led one barbarian right next to the fire during the attack, and can now Execute that barbarian by using the fire to his advantage, showing off an environmental execution. He then flows into a Double Execution with the remaining Barbarians. During each Execution, "Legendary" timing was achieved because the player "read" Marius' animation and knew that a sword attack would demand the button, while a shield, body, or Environmental Execution would demand the button. Legends predict, and press the correct button just before the colored "tell" comes on screen; less experienced fighters react to the tell once they've seen it.



Heroes Get More Dangerous: Every experience on the battlefield counts. Everything makes our hero stronger. With the XP Perk maximizing the experience earned from the set of Legendary Executions, our player is now in the position to upgrade their hero.

♦ THE ART OF THE EXECUTION ▶ 63







A BLOOD-FILLED HISTORY

When we set out to create a game about Rome, we felt we had to feature the Colosseum in an epic way. It's rich with history and drama.

We knew that it's the largest amphitheater in the world (holding ~80,000 people). Built from 70-80 A.D., it's the physical center of Rome. For hundreds of years after its construction, it housed "munera," events hosted by wealthy private individuals—and made famous by gladiatorial contests. Emperor Trajan hosted a single event lasting more than 120

days, where more than five million people watched as 11,000 animals and 10,000 gladiators fought to their deaths.

What was interesting to learn was that the average age of a gladiator at his or her death was 27. Or that when their dead body was taken to the Spolarium to be stripped of its armor, the body's throat was cut—just to make sure that dead was dead... Private ownership of gladiators was limited to 320 pairs, just so no citizen could field an army of any significance. And if you were a gravedigger, actor, or former gladiator, you

were forbidden as a spectator. The part about the actor made everyone on the team raise their eyebrows.

The arena floor itself is roughly the size of an American football field minus its end zones. Its wooden floor was covered in sand that hid the multiple floors of the hypogeum below—a series of underground caverns where man, beast, machinery, and scenery pieces were housed. Eighty shafts provided instant access to the arena floor, allowing people below to quickly set the stage for whatever historic Continued on next page...

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re-creation, story, or other spectacle was to be presented—sometimes even flooding the arena via the nearby Aqua Claudia aqueduct.

Since the Colosseum is the heart of Rome, we made it beat strongly in both the campaign and multiplayer experiences. Its deadly floor is introduced in the campaign, when players enter the Colosseum's games as Marius' incarnation of revenge, Damocles. Players fight their way through a re-creation of the first part of the Roman campaign in order to fight and kill Nero's son, Commodus, in one-on-one combat.

Ryse amplifies history by combining "tile sets" of scenery with randomized events in order to provide a continuous stream of challenges. We wanted players to feel the thrill of winning over the crowd, and of experiencing a "theater of war" that was dynamic and ever-changing. Scenery hidden in the hypogeum literally erupts from the floor, providing players with settings ranging from strongholds, to ruins, to dark forests. Players can enjoy walking Marius' heroic path to the Colosseum in the campaign, and creating their own gladiatorial hero in co-op.



器 "In the Colosseum, legends are born."

Cevat Yerli {Game Director}

BUILD YOUR HERO

Everyone imagines what they would do while fighting as a gladiator on the dusty floor of the Colosseum. We built the customization and upgrade system to allow players to represent their style while doing so, and provide armor (helm, gauntlets, chest, waist, and leggings), weapons, shields, and consumables. The higher Rank earned by players, the better the equipment. We wanted everyone to be able to tell an experienced gladiator at a glance—simply because of how they look in their custom armor, and how they fight because of their upgraded executions.







Players can use money earned in the Colosseum to "purchase" perk upgrades and unlock executions for the campaign mode, in addition to the MP-specific weapons, armor, and consumables.

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♠ RYSE: SON of ROME ▶

CHOOSE YOUR GOD

Before fighting, you choose fealty to one of four gods—each god gifting a different power. Apollo gives you healing, Mars amplifies your damage, Diana multiplies your experience, and Jupiter gives you focus. These powers work in concert with your co-op partner, providing them the benefit if they are in your area of effect.



JOIN THE FIGHT

The Arena mode allows Gladiators to face off as a unit, while competing for overall favor with the crowd independently—scores are tracked per gladiator. Gold and glory await, as both gladiators square off against everything the Colosseum can throw at them.

Round to Round

Round to Round is more about teamwork with the other Gladiator. Each player can vote on the arena environment they'll play together.

Solo

For players who want to go it alone, the Colosseum is available for them to prove their mettle. The crowd always appreciates when someone puts it all on the line.

Challenge

We wanted to bring the Ryse community into the Colosseum, and with Challenge mode, players can create playlists and allow others to try those custom challenges. Each playlist has a leaderboard with rewards for the topranked participants.

WIN THE CROWD



There are 12 multiplayer tile sets, each providing an interesting setting for re-creations of historical or fictional events. They are different from the campaign's re-creation of Marius' conquests across Rome. The crowd matters, and their overall excitement level throughout the round modifies your rewards; win the crowd for fame and fortune. Co-op executions are unique to multiplayer.

MULTIPLAYER EVENTS



















































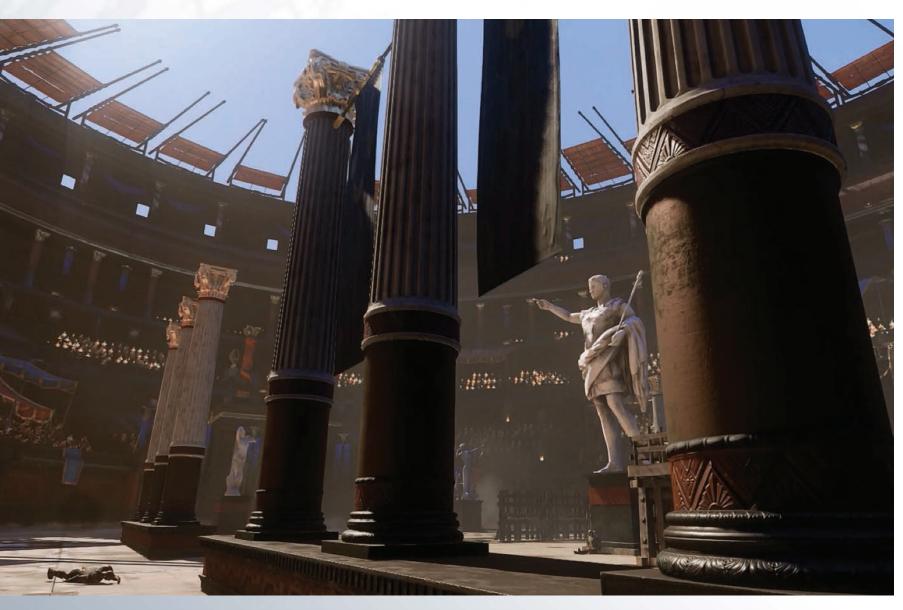


♦ THE HEART of ROME ▶

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COURTYARD

In Courtyard, the Colosseum plays the role of a "boss"—in which it's throwing an ever-changing set of environmental challenges at the player. When the round is completed, gladiators will feel as though they've beaten the Colosseum itself. During development, it was deemed the "Roman Holodeck" and rallied the team around what it should feel like to play in a dynamic environment.



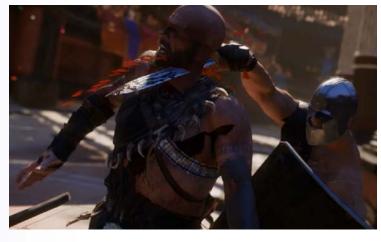
















In Garden, the Colosseum plays the role of the storyteller. It's a progression-based set of chapters that tell a gameplay story, ultimately ending with a big climax in Hades. In ancient Rome, the Colosseum was often set up so that gladiators acted out famous battles or were placed in untenable situations, and Garden reflects this "combat as a story" concept.



BLACK FOREST
Black Forest features the Colosseum as a boss, and presents gladiators with assorted objectives—but dynamically shifts the environment around the player. The gladiators must either react to the changes and change how they approach their objectives, or die in confusion.















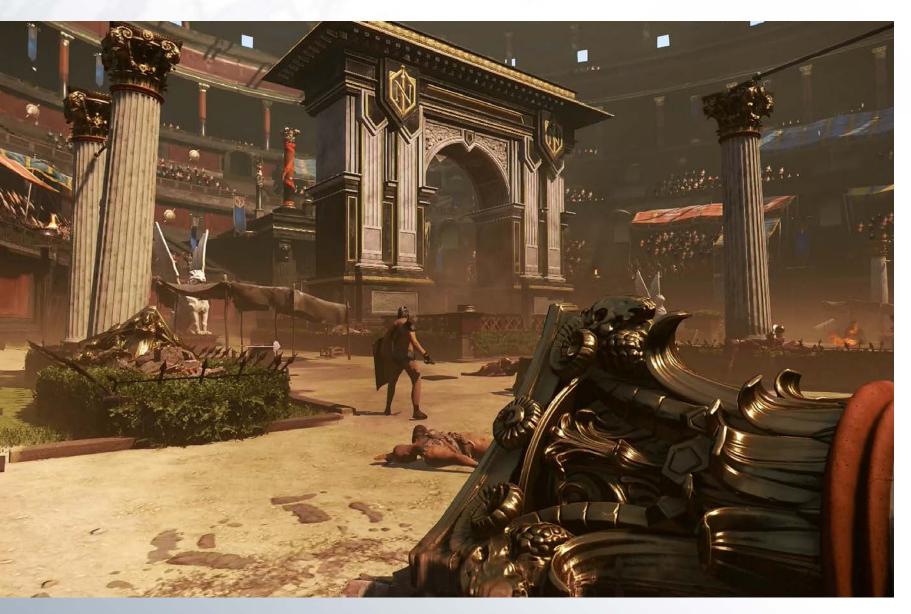




In Castle, the Colosseum once again takes on the role of the storyteller. The gladiators work their way through objectives in order to take over a large castle, eventually finding themselves dealing with a ship! Castle is an obvious nod to the real-world stories during which the Colosseum was filled with water and featured ship-to-ship combat.



ARCH
Arch, like Courtyard, features the Colosseum in the role of a boss as barbarians erupt endlessly from its ever-shifting core. Gladiators must restore order to the chaos through martial law.



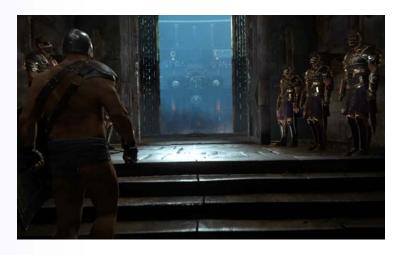














WICKERMAN 🚉

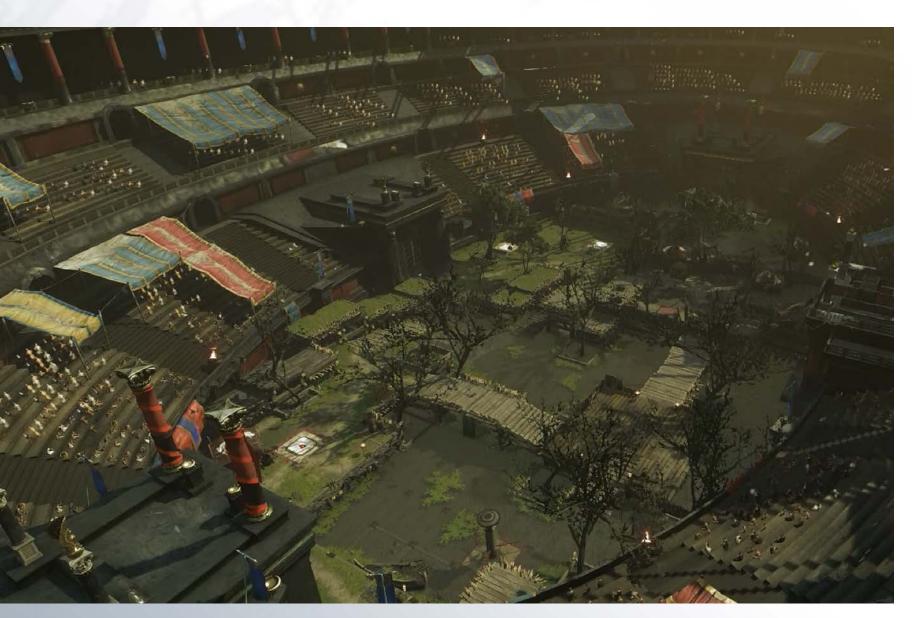


In Wickerman, the Colosseum assists the other enemies in the round. It's dynamic, but gladiators are focused on defeating the enemies in the round itself; the Colosseum is more of a thorn in the side of the gladiator, constantly poking at him in order to break his concentration and allow the enemies to win. Wickerman is dark and moody, and is essentially a Roman "tower defense."

 ⟨ THE HEART of ROME ⟩ 75



In Stronghold, the Colosseum tells the story of the taking of a Barbarian village. The gladiators are forced to take over an increasingly deadly set of objectives as they drive through the outer defenses of the stronghold and eventually have to burn everything in it. The strongest warriors of the village bear down on the gladiators with swords, arrows, and fire.





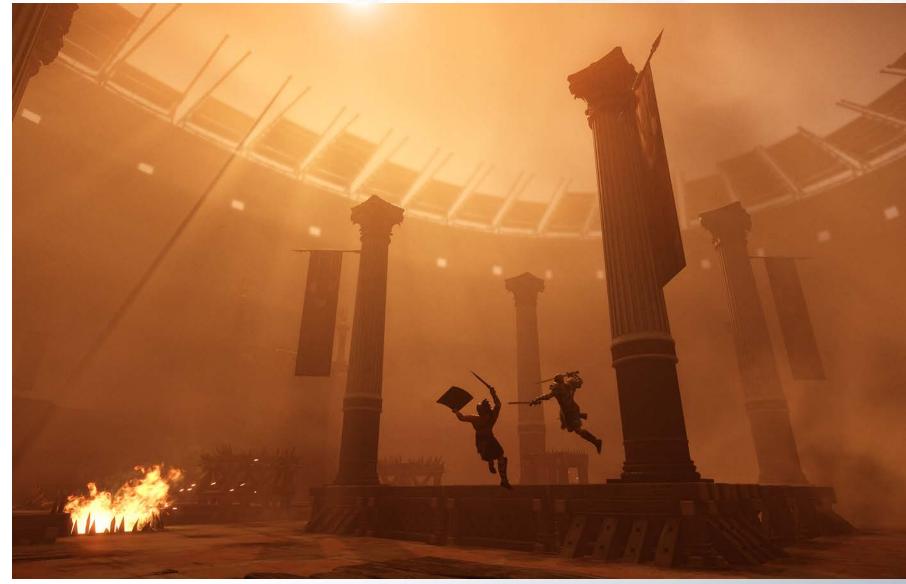












SANDSTORM



Sandstorm's the boss you fight that you can't see. It takes environmental challenges and adds extreme low visibility to the mix. Gladiators need to cover ground quickly in order to discover their objectives, and have to deal with a literal fog of war due to the sandstorm. What gladiators can't see will kill them...

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RABBIT

Rabbit places the Colosseum in the position to assist enemies within the round. There's a "rabbit" that the gladiators must chase, and overall the round is objective-based. The Colosseum constantly puts up obstacles in order to slow gladiators down, in order for the rabbit to win.

















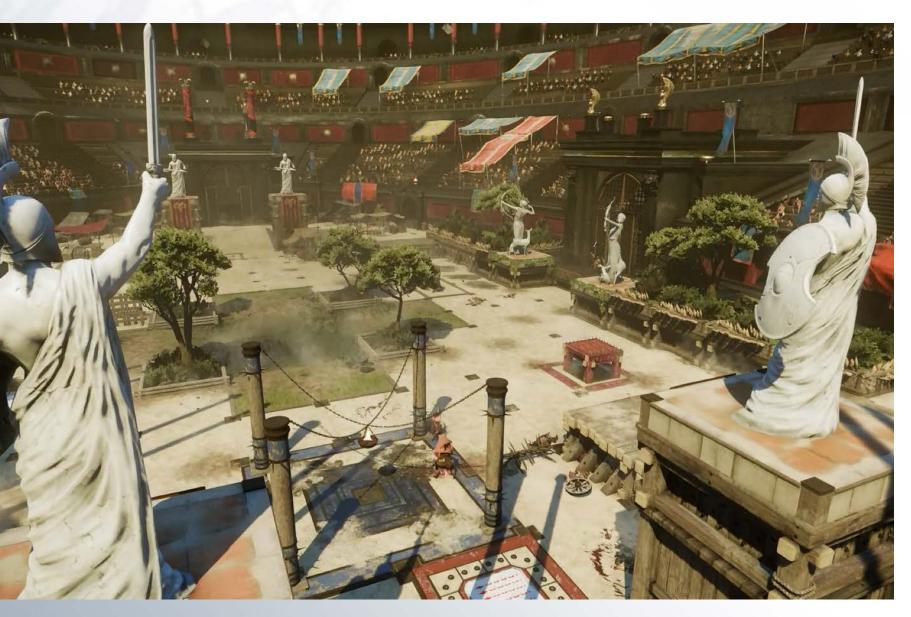


Market features the Colosseum in the role of the storyteller, but in this case, the gladiators get to choose their story. Switches and options within the map give the gladiators more control than other maps, and they must figure out its maze-like setting.

← THE HEART of ROME
 → THE HEART



Oasis again places the Colosseum in the role of the storyteller. Oasis also contrasts an environment typically associated with relaxation and beauty with the reality of brutal combat. This is not a friendly place.













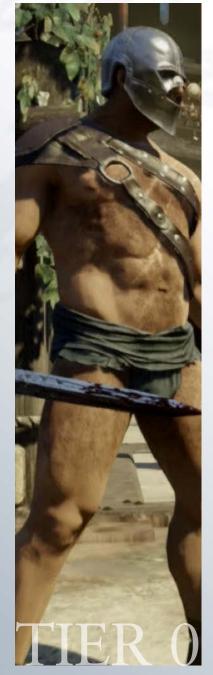


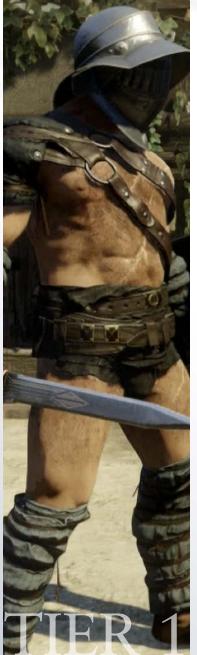




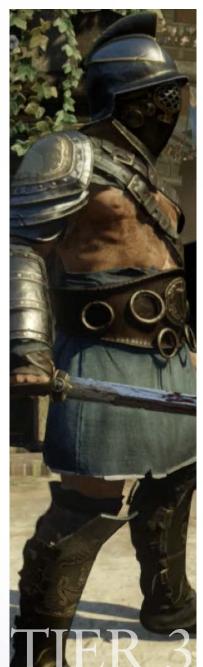
Ruins uses fire to punctuate its role as a boss. Gladiators fight in a moody, low-light setting. Fire is featured prominently in both the environment and the enemies. If the fire doesn't kill the gladiators, the numerous spinning traps just might.

UPGRADE YOUR GLADIATOR...

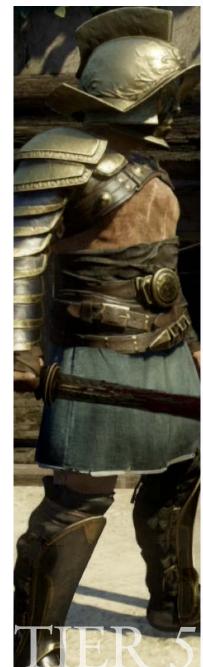


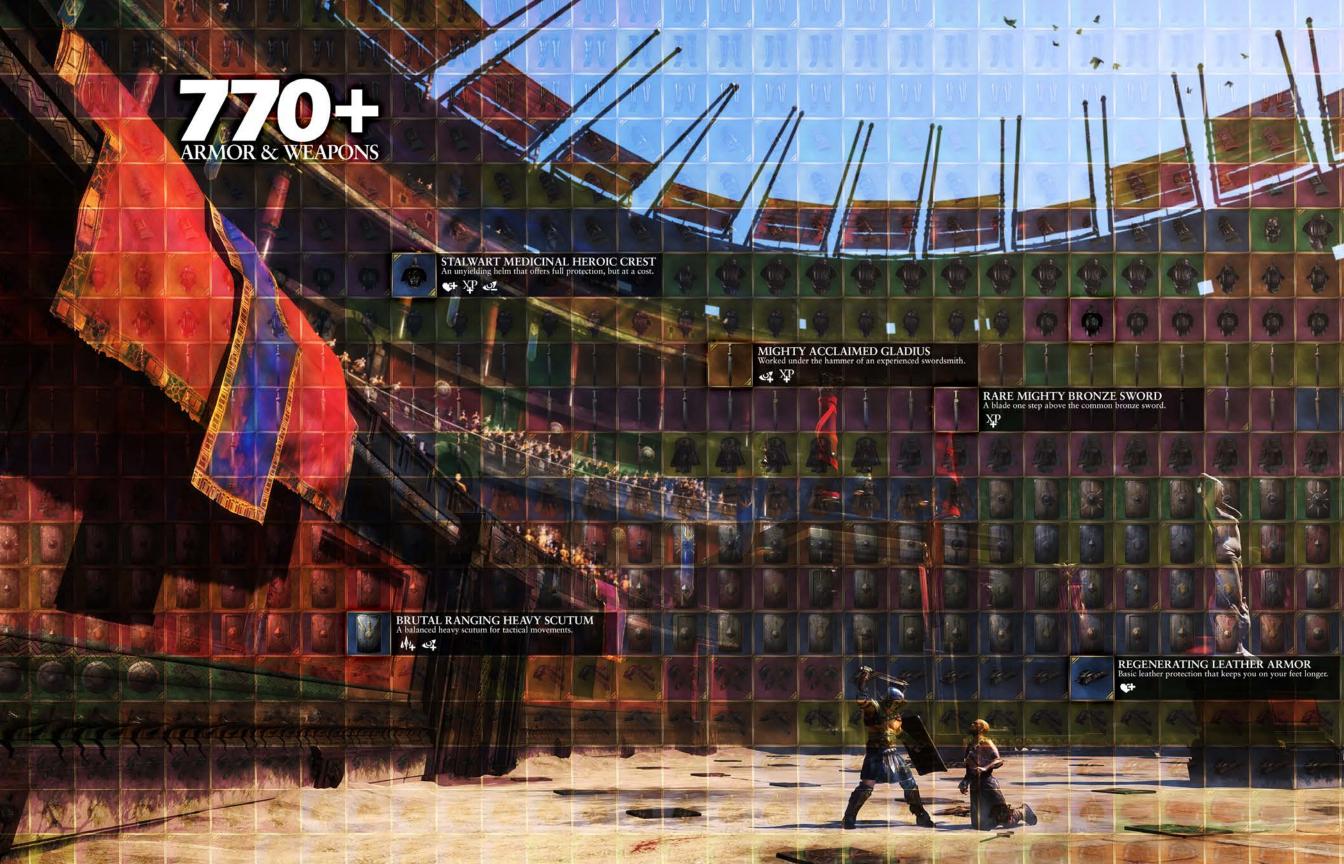




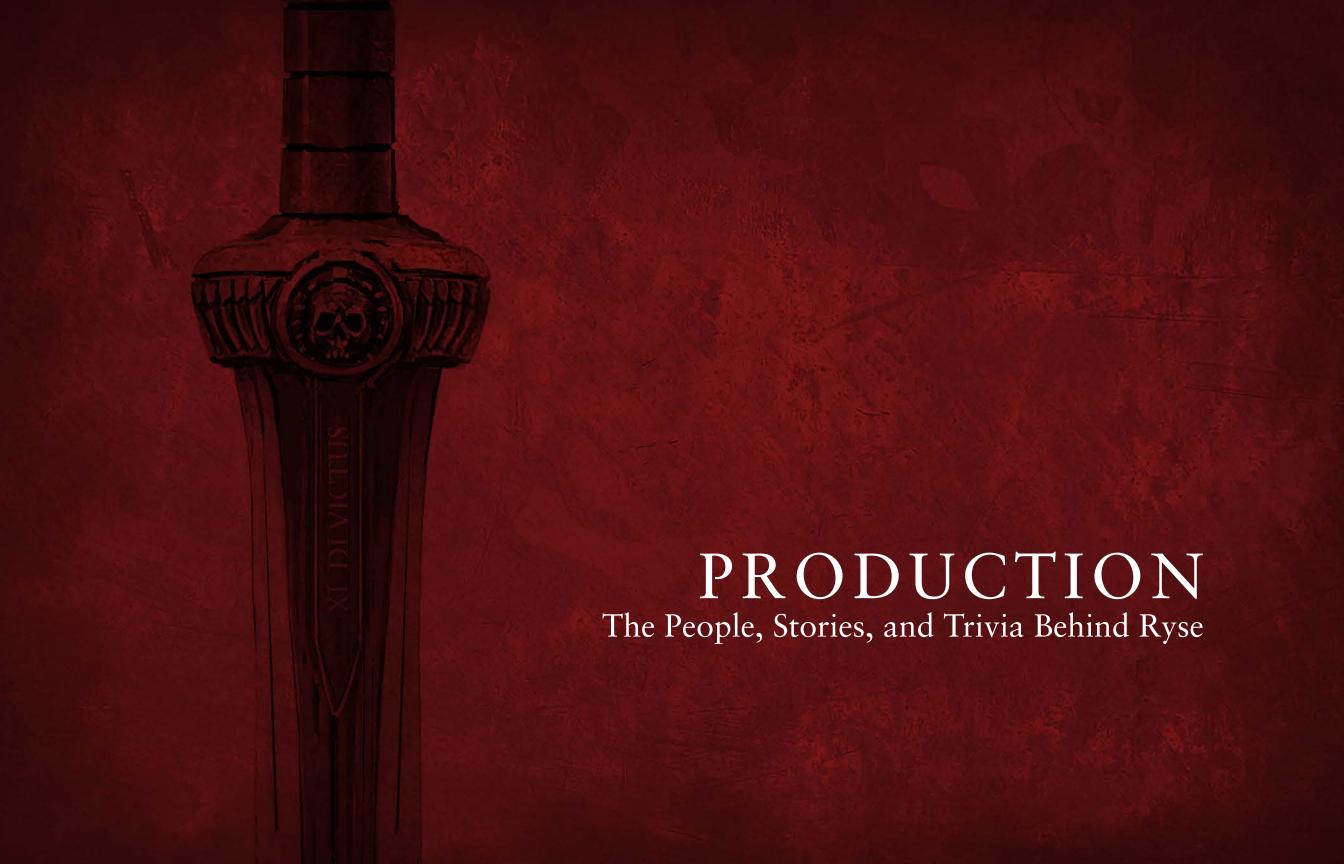














TURNING VISION INTO REALITY

Ryse's production effort spanned multiple countries, and included not only the efforts behind the game but also efforts behind the Xbox One's hardware and software. Developing a new world is always a multi-tiered effort, and doing this while working on the platform itself presented a unique set of opportunities. Not only did the team have the chance to decide things like the storyline, but also how things like game clips could work best for a game—or what new functionality should be put into SmartGlass or CryENGINE®. It really required the team to knuckle down and focus on what would be the most

fun for our players, and if that work had to happen within Crytek, Microsoft, or across both.

The vision behind Ryse had been in my head for about a decade, but console technology wasn't at the point where it was really possible; seeing emotion on opponents' faces at the precision or scale Ryse needed stopped things cold. This next generation of production techniques started things going again: advancing from motion-capture to performance-capture, moving to physically-modeled materials & lighting, and

leveraging the multiple screens so often found around today's players really allowed us to leverage Rome's great history and empower our team to offer the experience we wanted.

"Performance capture allows us, truly, to allow an actor or stuntman to fully perform the sole of a character—not just body language but to get all his emotions."

Cevat Yerli {Game Director}

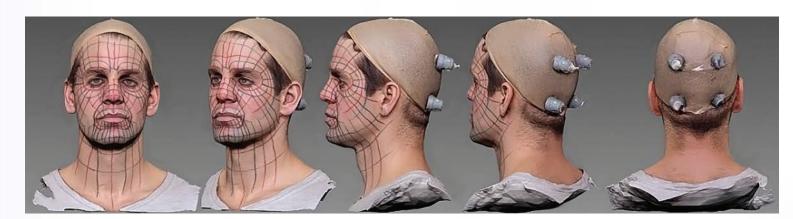
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Director of Cinematics, Peter Gornstein on Performance Capture

We really wanted the next gen experience to be closer to the world of film. We wanted to achieve that emotional depth to the characters.

When casting Ryse we looked for theater actors, or actors with a great amount of theater and television experience. We wanted people who could stay emerged in the scene—the whole scene—because when you do performance capture you really let the scene run. You don't cut up individual setups.

With Ryse we're able to capture all story characters with full performance capture, that means face, body, and audio—and we had up to 12 characters at the same time on stage giving a performance.







"It's more like theater than film, in a way, because there's this
360-degree capture of all the cameras from every angle."

John Hopkins {Marius}







Real Roman Combat

The Romans' unique combat techniques revolutionized warfare. We brought a Roman combat and strategy expert, Christian Eckert, into the development process early in order to showcase Roman techniques. The first day he showed up to work with our team he brought cases of Roman weapons and armor, and everyone had their "trial by fire" wearing full armor while trying different attacks. The use of the shield as an offensive weapon was the most important takeaway.



RYSE Quick Menu & SmartGlass



When we looked at the architecture of the Xbox One and what we could do for players, we realized that we could build a "Quick Menu" that players could run either on SmartGlass or while they were playing another AAA game; they could "peek" at Ryse without disturbing their other game, and they could watch all the cool game clips coming from friends.

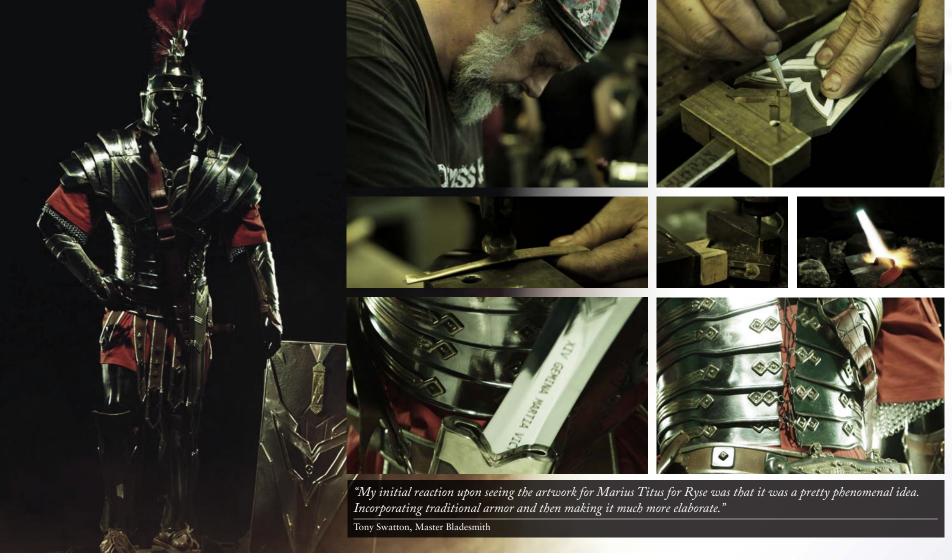
We decided to take this further and added features (like a Timeline where you can compare your progress and achievements against friends) that players could peek at, even while they were playing Ryse. That way the action on the big screen could stay pure, but players would also get rich information whenever they wanted. The "deep links" in the Quick Menu also put players together when things like multiplayer matches are ready—so players get to spend more time gaming rather than matchmaking.

"Master players will be able to do stuff that when you watch their [game clips] you're going to go "this is amazing, how does someone ever do that?"

Patrick Esteves {Gameplay Director}

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Development Trivia

- Number of times characters' parts were re-skinned due to mesh changes and updates, adding dismemberment, UV and material changes:
 - Marius 118
 - Roman 263
 - Barbarian 881
- ♥ Lines of code that generate a Ryse character rig: 7,000+
- ♥ Number of polygons in Marius: 85,000
- **♥** Barbarians killed by the test team between June 20th and Sept. 27th 2013: 1,157,099
- **♥** Barbarians killed by the test team in the 30 days before release: Over 600,000
- Number of participants that went through the playtest labs through Alpha: 641



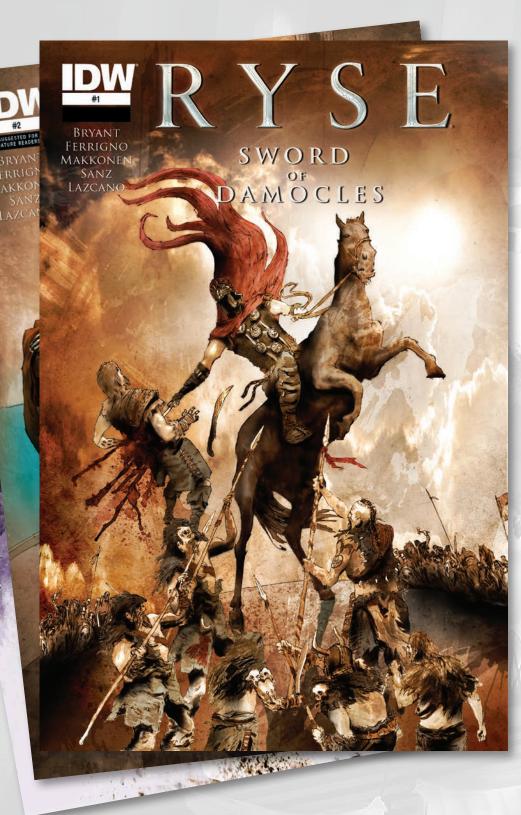


BLOOD & ELECTRICITY DON'T MIX

Early in the first day of E3 there was a power spike across the entire Ryse area, causing the screens at all eight demo stations to flash on and off constantly. Panic ensued. When the electrician went to look at the power supply, he realized that no one had told him that the giant Ryse frieze above the demo area continuously spilled blood (water). Some of the liquid spilled behind the stage, and over time it soaked the power supply and nearly fried the master power transformer for the entire area. The power supply was moved, and the frieze continued to excite players by shooting blood onto the stage for the rest of the show.

Early Concept Art for Marius

♦ PRODUCTION >



RYSE: SWORD of DAMOCLES GRAPHIC NOVEL

The legend of Damocles is an epic tale unto itself. It's the story of a murdered soldier who came back from the grave for revenge, and saved Rome from men who sought to conquer her from within. Set about 650 years before the time of *Ryse: Son of Rome*, during the ancient Roman kingdom, the story of Damocles in many ways parallels Marius' own journey—a fact he exploits to chilling effect. A printed version of Ryse: Sword of Damocles was first handed out to fans at the San Diego Comic-Con® in July 2013.

Players who read Ryse: Sword of Damocles at xbox.com/ryse/comic unlocked free gold when they played Ryse: Son of Rome.





Issue 1

A young Roman boy is told a story by his father: Damocles is a Centurion in the Roman army in the seventh century BC. During a war with the Sabines, Damocles is ordered by General Claudius to hold a strategically unimportant town against an overwhelmingly superior enemy force. Despite his misgivings, Damocles follows his orders; as predicted, his unit is wiped out to a man. Damocles falls last and goes to the Underworld, where Nemesis, goddess of revenge, gives him the chance to return to the land of the living and seek vengeance. Damocles returns to Earth, a dark version of his former self, and stalks General Claudius at his villa. Terrified, Claudius reveals the reason for his treachery: a coup against the Roman king, Ancus, to whom Damocles and his unit were fiercely loyal. Desperate for a way out, Claudius claims a minor role in the coup and names his co-conspirators: Porcius, a decorated former general who is now a powerful senator; and Helva, also a former general, who has been promoted to commander of the royal guards. Despite pleas for mercy, Damocles kills Claudius, then leaves to hunt the other two men.



Issue 2

Having learned of the return of Damocles from one of General Claudius's slaves, Senator Porcius abducts Damocles's wife, Octavia, to use as a bargaining chip. Damocles learns of this and arrives at the lighthouse where Porcius is holding her, only to be attacked by the giant Cassius. Though physically outmatched, Damocles manages to defeat Cassius—twice, as the huge man refuses to die—but during the struggle, he's attacked from behind by Porcius. However, before Porcius can land the killing blow, Octavia stabs him in the back. Damocles and Octavia's reunion is tender, but brief: Nemesis appears to remind Damocles of his mission. Despite wanting to stay with his beloved, he chooses the path of duty. Octavia resolves to kill herself, in order to join Damocles in the Underworld, but he reminds her that suicides are banished to the Fields of Mourning, meaning they could never be together. As Damocles leaves her, Octavia agonizes—until Nemesis hurls her from the lighthouse, to her death. Nemesis smiles, knowing her action has ensured that Damocles and Octavia will now be together for eternity.

Issue 3

Helva, commander of the royal guard and now the last of the three conspirators, leads his men into the throne room of the palace, intending to take the crown from King Ancus by force. However, Damocles has arrived first and warned Ancus of this treachery, and stands ready to defend the king. Helva has made a deal with the god Apollo—who was angered by Damocles's slaughter of Cassius, whom he favored—to be supplied with impenetrable armor, which he now wears. Undeterred, Damocles wipes out the royal guard, aided by Caelus, a young guardsman who remains loyal to the king. In the climactic battle, Damocles defeats Helva by drowning him in the royal baths—a fate the heavy magic armor cannot protect against. With King Ancus saved and Caelus now commander of the royal guard, Damocles returns to the Underworld and to his well-earned place in the Elysian Fields, together with his wife Octavia. We return to the father telling the story—a cautionary tale about loyalty to one's men—to his son, whom we learn is a young Vitallion: the man who will one day command Marius' legion.



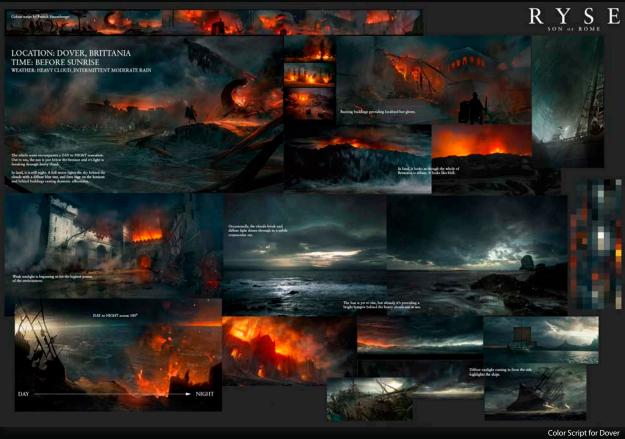




Color, Mood, & Tone...











Color study for Rome

Mood painting for Slums

RYSE

EXECUTIVE MANAGEMENT

Cevat Yerli, CEO & President Avni Yerli, Managing Director Faruk Yerli, Managing Director

GAME PROGRAMMING TEAM

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Niels Stoelinga, Junior Build Engineer

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Nico J. Moss, Junior Graphics Engineer
Chris J. Raine, Senior Software Engineer
Benito Gangoso Rodriguez, Senior Game Programmer
Francesco Roccucci, Game Programmer
Tiago Sousa, R&D Principal Renderer Engineer
Mario Silva, Game Programmer
Sven Van Soom, Senior Animation Programmer
Will Wilson, Senior Al Programmer

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Stefan Bermig, Junior Technical Designer Hussein Dari, Senior Level Designer

Hussein Dari, Senior Level Designer Sven Fahrenwald, Senior Level Designer

Will Greenough, Level Designer Christopher Kay, Senior Level Designer Dennis Schwarz, Senior Game Designer Christopher Nolan, Level Designer Turgut Özbayram, Level Designer Oliver Pflug, Senior Level Designer Dan Nicolae Trufin, System Designer Alvaro Vazquez de la Torre, Design Manager Barnaby Zoeller, Senior Level Designer

Clément Melendez, Level Designer

MULTIPLAYER DESIGN

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Erasmus Brosdau, Cinematic Artist
Jason Lee Cole, Animator
Dominik Friedrich, Cinematics Designer
Patrick Gamble, Cinematics Animator
Peter Gornstein, Director of Cinematics / Art Director
Jon Jones, Senior Facial Animator
Andreas Kessissoglou, Cinematic Designer
Joey Doe Hyoung Kim, Animator

Karlheinz Watermeier, Principal Animator

ADDITIONAL CINEMATICS
Frederick Fassé, Senior Animator

Viktor Ikkes, Junior Cinematic Designer Michael Kelleher, Senior Cinematic Manager Michael Kolkau, Senior Cinematic Designer Michael Satoshi Nagasaka, Senior Cinematic Designer Travis Ramsdale, Senior Cinematic Animator Klaus Scherwinski, Storyboard Artist Tim Stieber, Cinematics Designer Robert Stoneman, Senior Cinematic Designer Valerio Tosoni, Senior Storyboard Artist

Jeff Wong, Senior Animator

ART DEPARTMENT

Luke Adwick, Environment Artist Christian Bliss, 3D Artist Reed Casey Environment Artist Armin Chaudhry, Junior 3D Artist Liam Cullen, Senior Environment Artist Tom Deerberg , Senior 3D Artist Sina Els. Environment Artist Ron Froelich, 3D Artist Patrick Gladys, Junior 3D Artist Patrick Hanenberger, Visual Consultant Stefan Heinrich, Senior Environment Artist Iason Hickey, Lead Environment Artist Robert Hodri, 3D Artist Tracy Hudson, Senior Environment Artist Christopher Kembry, Junior OS Artist Hayo Koekkoek, Senior Environment Artist Michel Kooper, 3D Artist Finn Meinert Matthiesen, Environment Artist

inn Meinert Matthiesen, Environment Artis Frank Meinl, Senior 3D Artist Ronny Muehle, 3D Artist Pascal Mueller, Junior 3D Artist Daniel Olaya, Art Manager Lluis Andreu Pardo, Environment Artist Carlos Garcia Prieto, Senior OS Artist Adam Sanders, Junior Environment Artist Robert Stephens, Environment Artist Réka Sugár, Outsourcing Artist Alan Thomas, Senior Environment Artist

Franco Bresciani, Senior Technical Artist Atri Dave, Senior Technical Artist Christopher Evans, Art Technical Director Sascha Herfort, Senior Technical Artist

Victor van 't Hek, Outsourcing Artist

Jefferey Khou, Junior Technical Artist Alexander Raab, Junior Technical Artist Martin Thorzen, Senior Technical Artist Riham Toulan, Technical Artist Eric Werner, Senior Technical Artist Harald Zlattinger, Senior Technical Artist

> Simon Bursey, Senior UI Designer Karsten Klewer, Senior UI Designer

Ramon Contini, Senior Concept Artist Timur Mutsaev, Senior Concept Artist Kaija Rudkiewicz, Concept Artist Silver Saaremäel, Concept Artist

Abdenour Bachir, Senior Character Artist
Chris Goodswen, Senior Character Outsourcing Artist
Frederic Lierman, Character Art Manager
Lars Martinsson, Senior Character Artist
Hyejin Moon, Senior Character Artist
Julia Peters, Intern Character Artist
Frederik Plucinski, Intern Character Artist
Florian Reschenhofer, Character Artist
Min-Chih Wang, Senior Character Artist

Fabio Da Silva, VFX Artist Sean Ellis, Senior VFX Artist Caleb Essex, Junior VFX Artist

Jonathan Rowe, Lead Lighting Artist Chris Campbell, Lighting Artist Ats Kurvet, Intern Lighting Artist Greg Montgomery, Lighting Artist

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	ANIMATI	ON TEAM
	David Garcia Badillo, Senior Animator	Joseph K. Garrahan, Animator
	Catalin Balaceanu, Animator	Catalin Ion, Animator
	Elena Daescu, Junior Animator	Martin L'Heureux, Animation Director
	Daniele Duri, Senior Animator	Dietrich Magnus, Senior Animator
	Robert Dyke, Junior Animator	Owen Robertson, Animator
	Thomas Franta, Animator	
		NAL ART
	Grant Arthur, Senior OS Artist	Alexander Ivanchev, Animator
	Darren Bartley, Concept Artist	Mathias Lindner, Senior Technical Artist
	Jamie Bury, Senior Animator	Martin Severn, Lead Artist
	Warren Goff, Animator Eric Gooch, Lighting Artist	Joshua Short, Environment Artist Mihai Titoiu, Senior Concept Artist
	Hanno Hagedorn, Character Art Director	Margaret Wuller, Senior Concept Artist
	Trainio Tragedorii, Character Art Director	Margaret winer, senior Concept Artist
		UDIO TEAM
	Simon Pressey, Director of Audio	Augie Restivo, Audio Designer
	Campbell Askew, Director of Audio Florian Fuesslin, Co Audio Director	Barnabas Jonas, Audio Designer Julius Selbach, Audio Designer
	Jeremy Robins, Principal Audio Designer	Kenneth Bassham, Audio Designer
C	hristian Schilling Muyshondt, Senior Audio Designer	Martin Wöhrer, Audio Designer
0	Laszlo Vincze, Audio Designer	Marius Popczyk, Technical Audio Designer
	Thomas Johnson, Senior Audio Designer	
		JSIC
	Borislav Slavov, Principal Composer	Tilman Sillescu, Composer
	Peter Antovszki, Composer	· -
	W/D I	TING
	Written By Steven Hall	Rasmus Hoejengaard, Additional Writing
	Campbell Askew, Additional Writing	Tim Partlett, Senior Narrative Designer
	Peter Gornstein, Additional Writing	
	PRODI	JCTION
	Yannick Boucher, Project Manager	Erik Olsen, Multiplayer Producer
	Dominik Butnaru, Project Manager	Ricardo Pillosu Gonzalez, Development Director
	Nick Button-Brown, General Manager - Games	Michael Read, Marketing Producer
	Brian Chambers, Senior Producer	
	Danielle Engh, Junior Localization Manager	Cevat Yerli, Executive Producer & Game Director
	Kalvin Lyle, Development Director	
	ADDITIONAL PRODUC	TION & MANAGEMENT
	Ferdi Cam, Project Manager	Alexander Marschal, Project Manager
	Sebastian Cardoso, Development Manager	Li Tang, Development Manager
	Patrick C. Payne, Project Manager	Kenzo Ter Elst, Technical Director
	Tony Davis, Game Director	Christopher Trewartha, Technical Manager
	Katharina Hautz, Development Manager	Carsten Wenzel, Technical Director
		ASSURANCE
	QA MANA	AGEMENT
	QA MAN. Markus Rafflenbeul, Senior QA Manager	AGEMENT Falk Trintz, Senior Lead Tester
	QA MANA Markus Rafflenbeul, Senior QA Manager QUALITY #	AGEMENT Falk Trintz, Senior Lead Tester ASSURANCE
	QA MANA Markus Rafflenbeul, Senior QA Manager QUALITY A Kristian Wilkins, Lead QA Tester	AGEMENT Falk Trintz, Senior Lead Tester ASSURANCE Mathew Fairclough, QA Tester
	QA MANA Markus Rafflenbeul, Senior QA Manager QUALITY & Kristian Wilkins, Lead QA Tester Andreas Rumler, Senior QA Tester	AGEMENT Falk Trintz, Senior Lead Tester ASSURANCE Mathew Fairclough, QA Tester Daniel Garcia Prieto, QA Tester
	QA MANA Markus Rafflenbeul, Senior QA Manager QUALITY & Kristian Wilkins, Lead QA Tester Andreas Rumler, Senior QA Tester Christian Brennecke-Raether, QA Tester	AGEMENT Falk Trintz, Senior Lead Tester ASSURANCE Mathew Fairclough, QA Tester Daniel Garcia Prieto, QA Tester Steffen Halbig, QA Tester
	QA MANA Markus Rafflenbeul, Senior QA Manager QUALITY A Kristian Wilkins, Lead QA Tester Andreas Rumler, Senior QA Tester Christian Brennecke-Raether, QA Tester Yuriy Dutchak, QA Tester	AGEMENT Falk Trintz, Senior Lead Tester ASSURANCE Mathew Fairclough, QA Tester Daniel Garcia Prieto, QA Tester
	QA MANA Markus Rafflenbeul, Senior QA Manager QUALITY A Kristian Wilkins, Lead QA Tester Andreas Rumler, Senior QA Tester Christian Brennecke-Raether, QA Tester Yuriy Dutchak, QA Tester Kai Liebenthal, QA Tester	AGEMENT Falk Trintz, Senior Lead Tester ASSURANCE Mathew Fairclough, QA Tester Daniel Garcia Prieto, QA Tester Steffen Halbig, QA Tester Isabel Perez Gonzalez, QA Tester
	QA MANA Markus Rafflenbeul, Senior QA Manager QUALITY A Kristian Wilkins, Lead QA Tester Andreas Rumler, Senior QA Tester Christian Brennecke-Raether, QA Tester Yuriy Dutchak, QA Tester Kai Liebenthal, QA Tester QUALITY	ASSURANCE Mathew Fairclough, QA Tester Daniel Garcia Prieto, QA Tester Steffen Halbig, QA Tester Isabel Perez Gonzalez, QA Tester
	QA MANA Markus Rafflenbeul, Senior QA Manager QUALITY A Kristian Wilkins, Lead QA Tester Andreas Rumler, Senior QA Tester Christian Brennecke-Raether, QA Tester Yuriy Dutchak, QA Tester Kai Liebenthal, QA Tester QUALITY A Christian Laubscher, Lead QA Tester	ASSURANCE Mathew Fairclough, QA Tester Daniel Garcia Prieto, QA Tester Steffen Halbig, QA Tester Isabel Perez Gonzalez, QA Tester ASSURANCE Joel Westman, QA Tester
	QA MANA Markus Rafflenbeul, Senior QA Manager QUALITY A Kristian Wilkins, Lead QA Tester Andreas Rumler, Senior QA Tester Christian Brennecke-Raether, QA Tester Yuriy Dutchak, QA Tester Kai Liebenthal, QA Tester Aguality A Christian Laubscher, Lead QA Tester Nicolai Foeller, Senior QA Tester	AGEMENT Falk Trintz, Senior Lead Tester ASSURANCE Mathew Fairclough, QA Tester Daniel Garcia Prieto, QA Tester Steffen Halbig, QA Tester Isabel Perez Gonzalez, QA Tester ASSURANCE Joel Westman, QA Tester Kevin Hautz, QA Tester
	QA MANA Markus Rafflenbeul, Senior QA Manager QUALITY A Kristian Wilkins, Lead QA Tester Andreas Rumler, Senior QA Tester Christian Brennecke-Raether, QA Tester Yuriy Dutchak, QA Tester Kai Liebenthal, QA Tester QUALITY A Christian Laubscher, Lead QA Tester	ASSURANCE Mathew Fairclough, QA Tester Daniel Garcia Prieto, QA Tester Steffen Halbig, QA Tester Isabel Perez Gonzalez, QA Tester ASSURANCE Joel Westman, QA Tester
	QA MANA Markus Rafflenbeul, Senior QA Manager QUALITY A Kristian Wilkins, Lead QA Tester Andreas Rumler, Senior QA Tester Christian Brennecke-Raether, QA Tester Yuriy Dutchak, QA Tester Kai Liebenthal, QA Tester Kai Liebenthal, QA Tester Nicolai Foeller, Senior QA Tester Nicolai Foeller, Senior QA Tester Daniel Raine, QA Tester Robin von Schilling, QA Tester	ASSURANCE Mathew Fairclough, QA Tester Daniel Garcia Prieto, QA Tester Steffen Halbig, QA Tester Isabel Perez Gonzalez, QA Tester ASSURANCE Joel Westman, QA Tester Kevin Hautz, QA Tester Mirko Markovic, QA Tester Dominik Stadach, QA Tester
	QA MANA Markus Rafflenbeul, Senior QA Manager QUALITY A Kristian Wilkins, Lead QA Tester Andreas Rumler, Senior QA Tester Christian Brennecke-Raether, QA Tester Yuriy Dutchak, QA Tester Kai Liebenthal, QA Tester Kai Liebenthal, QA Tester Nicolai Foeller, Senior QA Tester Nicolai Foeller, Senior QA Tester Daniel Raine, QA Tester Robin von Schilling, QA Tester	ASSURANCE Mathew Fairclough, QA Tester Daniel Garcia Prieto, QA Tester Steffen Halbig, QA Tester Isabel Perez Gonzalez, QA Tester ASSURANCE Joel Westman, QA Tester Kevin Hautz, QA Tester Mirko Markovic, QA Tester

	DEVELOPMENT
Charlie Cole, Principal R&D Programmer	Paul Hanshaw, Principal Network Programme
Oliver Fallows, Senior R&D Programmer	Johnmichael Quinlan, Senior Tools Programme
ADDITIONAL GA	ME PROGRAMMING
Jim Bamford, Senior Programmer	Rob Jessop, Senior Tools Programmer
Josh Coyne, Senior Programmer	Andy Rayson, Lead Tools Programmer
DESIG	GN TEAM
Ben Cureton, Senior Designer	Jason Ford, Designer
Bill Campbell, Senior Designer	
ART DE	PARTMENT
Artem Fanailov, Environment Artist	Alexander Sychev, Environment Artist
Roman Kovalchuk, Environment Artist	
Victor Merkulov, Environment Artist	Daniel Feresteanu, VFX Artist
Dennis Rutkovsky, Lead Artist	James Mestemaker, Senior VFX Artist
Vladimir Stepanyuk, Environment Artist	
ADDIT	IONAL ART
Tohan Kim, Senior Character Artist	
Eric Spitler, Senior Character Artist	Cort Soest, Technical Artist
ANIMA	TION TEAM
Steve Madureira, Senior Animator	Jeremy Pantoja, Senior Animator
Chris Mead, Senior Animator	
PROI	DUCTION
Tim Bell, Principal Producer	
SPECIA	L THANKS
Björn Acker	Baldur Karlsson
Miles Clapham	Oliver Landrock
Marco Corbetta	Harry Luck
Pierre-Yves Donzallaz	Andy Mitchell
Robert Fey	Stephen North
Moritz Finck	Rashad Redic
Stefan Fromm	Jake Turner
Manuel Geörg	Alex Weighell
Lee Hammerton	Felix Wissner
Arne Jödicke	
"CRY	BABIES"
Melina Bachir	Arthur Owen Thomas
Evan John Slinger	Felix Warnez
THIRD PAI	RTY SUPPORT
THRUTA	CII JOII ORI
VOICE RECORDINGS AN	D PERFORMANCE CAPTURE

SUPPORTING DEVELOPMENT TEAMS

VOICE RE	ECORDINGS AND PERFORMANCE O	CAPTURE
	MAIN CAST	
John Hopkins , Marius	Gerald Kyd, Commodus	Antony Byrne, Oswald
Richard Teverson , Aquilo	Sebastian Abineri, Emperor Nero	Siobhan Hewlett, Septima
Jamie Ballard, Basillius	Nick Brimble, Leontius	Nathalie Cox, Summer
Rachel McDowall, Boudica	Charlotte Hope, Oracle	Tim Treloar, Vitalion
	SUPPORTING CAST	
Alistar Thomson-Mills	George Anton	Nick Boulton
Andrew Hawley	Gwynfor Jones	Noah Huntley
Antony Flanagan	Jamie Michie	Rob James-Collier
Beatriz Romilly	Jefferson Hall	Rory Keenan
Ben Crowe	Jonjo O'Neill	Steven Cree
Ciaran Griffiths	Kieren Bew	Steven Hartley
Clive Standen	Lewis McLeod	Stuart Bowman
David Ricardo-Pearce	Luke Allen Gale	Stuart Martin
Dean Williamson	Mark Healy	Tom Goodman Hill
	SUPPORTING CAST MOCAP	
Derek Lea	Brian Alexander	Matt Stokoe
	STUNT PERFORMERS	
Ray Nicholas	Stuart Clark	Chris Wolff
David Newton	Ian Pead	Ian van Temperley
Charles Jarman	James Grogan	Joey Ansah
Jimmy O'Dee	Paul Clark	

"VOICE RECORDINGS, CASTING, AND TALENT MANAGEMENT BY SIDE UK" PERFORMANCE CAPTURE AND VO

Cheryl Prince, Casting Director Anna Clara Casapollo, Talent Production Manager Ciara Lashea, Talent Production Manager

SIDE LONDON STUDIOS

Anthony Hales, Voice Recording Engineer Duncan Gilles, Dialog Post Production James Battley, Voice Recording Engineer Tim Vasilakis, Dialog Post Production

PERFORMANCE CAPTURE BY THE IMAGINARIUM STUDIOS

Jonathon Tyler, Mocap Supervisor Aaron Urquhart, Mocap Operator Ben Lumsden, Mocap Operations Manager Athanasios Gabriel Don Francesco Cammell, Digital Johl Garling, Studio Manager Continuity Rich Holleworth, Chief Technical Officer Christopher Lok Wah Tang, Tracker Tora Young, Imaginarium Producer Isobel Graham-Potts, Tracker Sverker Nordqvist, Senior Motion Editor Daniel Orchard, Tracker Brenainn Jordan, Mocap Technical Director Laura Miller, Tracker Kadel Barton, Mocap Technical Director Ben Vere, Tracker Richard Wearmouth, Motion Editor Krisztian Kinder, Tracker David Davis, Junior Motion Editor James Hood, Tracker Alessandro de Cristofaro, Avid Editor Lewis Cranfield, Tracker Rebecca-Louise Leybourne, Assistant Realtime Operator

CHARACTER FACIAL TECH ART BY 3LATERAL

Vladimir Mastilovic, Production and Technical Supervisor
Nikola Visnjic, Lead Rigger
Vojislav Pavkov, Rigger
Vuk Rajkovic, Rigger
Vuk Rajkovic, Rigger
Aleksandar Popov, Lead Face Shapes Artist
Goran Mamic, Face Shapes Artist
Dragutin Sukovic, Riger Alikovic, Rigger
Marija Blaskovic, 3D Scans Processing
Marko Bugarski, 3D Scans Processing
Warko Bugarski, 3D Scans Processing
Warko Bugarski, 3D Scans Processing
Marko Bugarski, 4D Scans Processing
Marko Bugarski, 4D Scans Processing
Warko Bugarski, 4D Scans Processing

FACIAL ANIMATION BY CUBIC MOTION

Shane Ainsworth Mark Kiernan David Barton Will Lonsdale Will Booth Nicole Mustoe Chris Bowman Daniel Norbury Pedro Cabeleira Daniele Pezzella Adam Pilkington Sebastian Castilho Liam Rabbitte Chris Evans Gary Evans Bryn Richards Sebastian Gough Reece Thomas Kier Jackson Karl Whittaker Talib Kadhim Iack Wyatt

CG AND PRE-RENDERED TRANSITION SEQUENCES BY PLATIGE IMAGE S.A. Piotr Sikora, Executive Producer Maciej Wojtyna, Character TD Jaroslaw Sawko, Executive Producer Mateusz Poplawski, Character TD Marcin Kobylecki, Executive Producer Artur Sadłos, Matte Painter Piotr Prokop, Producer Carlos Acevado, Simulations and FX Piotr Suchodolski, Simulation Jakub Jabłoński, Art Director Andrzej Sykut, CG Supervisor Pawel Wilkos, Simulation Selim Sukut, CG Supervisor Artur Malczyk, 3D Artist Krzysztof Rusinek, 3D Artist Konrad Kielczywoski, CG Supervisor Łukasz Gdaniec, 3D Artist Monika Paćkowska, Production Coordinator Michał Niewiara, Concept Artist Łukasz Skurczynski, 3D Artist Michał Misinski (Juice), Concept Artist Łukasz Świerczyński, 3D Artist Ellert Andrzej, Layout and Animation Michał Husiak, 3D Artist Bartlomiej Kik, Layout and Animation Paweł Jaruga, 3D Artist Dominik Wawrzyniak, Layout and Animation Waldemar Tabaka, 3D Artist Michał Kaleniecki, Layout and Animation Mateusz Gamroth, Additional 3D Artist Błażei Andrzejewski, Lavout and Animation Michal Gryn, Additional 3D Artist Łukasz Burnet, Layout and Animation Tomasz Zaborek, Additional 3D Artist Tycjan Bartuś, Layout and Animation Piotr Tatar, Lighting and Rendering Artist Agnieszka Strzep, Character Artist Piotr Sasim, Colorist Maciej Kwiatkowski, Motion Capture Performer Marcin Klicki, Character Artist Tomasz Lewandowski, Motion Capture Performer Szymon Kaszuba, Character Artist Kamil Hepner, Character TD

ADDITIONAL ART PRODUCTION

ELITE 3D

Oscar Ferrero Lopez, CEO Jose Luis Queral Herrero, Art Director Timur Gran, 3D Artist Attonio Pons Herrero, 3D Artist Alberto Fernandez Mancilla, 3D Artist Santiago Gamez Carnicer, 3D Artist Borja Lopez-Galiano, 3D Artist Javier Tejada Zacarias, 3D Artist Piotr Pawel Weiss, 3D Artist Sergio Sempere, 3D Artist Jaime Gonzalez Vallejo, 3D Artist

♦ PRODUCTION > 95

FORGE STUDIOS S.R.L.

Fabio Ilacqua, CEO and Art Direction Stefano Pinna, COO and 3D Artist Francesco Coan, Production Manager Andrea Orioli, 3D Artist Steven Chagnon 3D Artist Jeroen Jansen, 3D Artist

Dan Liimatta, 3D Artist Paul Dalessi, 3D Artist Giorgio Rodriguez, 3D Artist Hector Silveri, 3D Artist Eddy Loukil 3D Artist

KARAKTER

ADDITIONAL ART DIRECTION

Tobias Mannewitz, Art Director Floris Didden, Concept Artist Henrik Bolle, Concept Artist Karl Kopinski, Production Artist Steven Bagazky, Concept Artist ADIA Digital Art Co., Ltd., Additional Environment Art Creatives in the Attic, Additional Prop Art Important Looking Pirates - ILP, Add. Environment Art Opus Artz, Additional Concept Art Illysses Graphics Additional Environment Art Xpec Entertainment Inc., Additional Environment Art

Bruno Camara, Additional Character Art Damien Canderle, Additional Character Art Caio Cesar, Additional Character Art Dennis Chan, Additional Concept Art Aaron de Leon, Additional Environment Art Thomas Esmeralda, Additional Matte Painting

Christian Fischer, Additional Character Art Joseph Harford (Airship Images), Additional Character Art Ehsan Kiani, Additional Technical Art Gunther Klippel, Additional Art (Comics Lettering) Marty Kline, Additional Concept Art Mike "Daarken" Lim, Additional Concept Art Bruno Melo, Additional Character Art Dan Milligan, Additional Concept Art Eduardo Mosena Additional Weapon Art Fabio Pacheco Paiva, Additional Weapon Art Luisa Preissler, Additional Art - Comics Coloring Shaddy Safadi, Additional Concept Art Patrick Schindler, Additional Character Art Alan Sonnenman, Additional Matte Painting Mariano Steiner, Additional Character Art Manuel Virks, Additional Character Art Sebastian Zimmermann, Add. Character and Weapon Art

ADDITIONAL CREATIVE & PRODUCTION SERVICES

Dynamedion GbR, Additional Music

Game On Audio Inc., Additional Animation

DIALOG POST PRODUCTION

Giant Studios, Additional Audio Recording Hackenbacker, Additional Audio Recording Hit Detection LLC, Additional Consulting IR-Entertainment Ltd, 3D Scanning

Metric Minds, Additional Performance Capture MoAnima, Additional Mocap Animation Portamedia.com, Additional UI Design WB De Lane Lea Studios, Additional Audio Recording

TOM TOM STUDIO - BUDAPEST

Tamas Kurina, Recording Engineer

MUSIC PERFORMED BY THE HUNGARIAN STUDIO ORCHESTRA, BUDAPEST

LE LAB MASTERING - MONTRÉAL

Marc Thériault, Chief Mastering Engineer Carl Talbot, Mastering Engineer

Illényi Péter, Conductor

Darius Arya, Additional Art Reference Scouting Christian Eckert, Additional Mocap Animation Ricardo David Additional Animation Luke Kelly, Additional Animation Jim Spain, Additional Facial Animation

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Adrian Vershinin, Additional Writing

Victor Stoyanov, Orchestrator / Additional Composition Georgi Andreev, Orchestrator David Christiansen, Orchestration Arthúr Grósz Orchestration Gábor Subicz, Orchestration Ivaylo Petrov, Stringed Instruments Recordings Slidar Borisov, Armenian Duduk Recordings



Juan Navarro, Marius Cholo Moratalla Aquilo David Hernán, Basillius Beatriz Berciano, Boudica Juan Antonio Sáinz-Maza Commodus

Gerardo Reyero, Marius Luis Adan Zayas, Aquilo "Jose Luis Rodriguez ""Guana"", Joanna Josh, Boudica Victor Hugo Aguilar, Commodus

Martin Kautz, Marius Peter Flechtner, Aquilo Tim Knauer Basillius Ulrike Stürzbecher, Boudica Christoph Banken, Commodus

Philippe Bozo, Marius Alexandre Donders, Aquilo Christian Fischer, Basillius Adeline Moreau, Boudica Olivier Peissel, Commodus

Federico Zanandrea, Marius Pino Pirovano, Aquilo Ruggero Andreozzi, Basillius Renata Bertolas, Boudica Alessandro Capra, Commodus

Satoshi Tsuruoka, Marius Hiroshi Shirokuma, Aquilo Atsushi Imaruoka, Basillius Keiko Nemoto, Boudica Kenji Takahashi, Commodus

Alexander de Bruijn, Marius Tibor Lukacs Aquilo Marijn Brouwers, Basillius Lotte Horlings, Boudica Finn Poncin, Commodus

Ricardo Inarez Marius Clécio Souto, Aquilo Márcio Simões, Basillius Marisa Leal, Boudica Mario Tupinambá, Commodus

Ilya Bledny, Marius Valery Storozhik, Aquilo Alexander Dzuba, Basillius Elena Kharitonova, Boudica Konstantin Karasik, Commodus

Andy Robson, Managing Director Harrison Baker, Project Manager Jamie Pendleton, Project Manager

CAST (SPANISH - SPAIN) Miguel Zúñiga, Emperor Nero Juan Carlos Lozano, Leontius Vicente Gil, Octavius Cristina Yuste, Oracle Jorge García Insua, Orator Antonio Esquivias, Oswald

CAST (SPANISH - MEXICO) Rubén Mova, Emperor Nero Blas García, Leontius Oliver Magana, Octavius Claudia Santiago, Oracle Gabriel Pingarron, Orator Israel Magana, Oswald

CAST (GERMAN) Jan Spitzer, Emperor Nero Jörg Hengstler, Leontius Dirk Bublies Octavius Sandrine Mittelstädt, Oracle Erich Räuker, Orator

CAST (FRENCH) Patrice Melennec Emperor Nero Jean-François Vlérick, Leontius Gilduin Tissier, Octavius Véronique Rivière, Oracle Frédéric Norbert, Orator

CAST (ITALIAN) Riccardo Peroni, Emperor Nero Marco Pagani, Leontius Gianni Gaude, Octavius Jenny De Cesarei, Oracle Domenico Brioschi, Orator

CAST (JAPANESE) Naomi Kusumi, Emperor Nero Shinya Fukumatsu, Leontius Itaru Yamamoto, Octavius Aki Nagao, Oracle Masaaki Itatori, Orator

CAST (DUTCH) John Kraaiikamp Jr., Emperor Nero Fred Meijer Leontius Rutger le Poole, Octavius Barbera van der Kaav, Oracle Jim Berghout, Orator

CAST (PORTUGUESE - BRAZIL) Pádua Moreira, Emperor Nero Renato Rosenberg, Leontius Ronaldo Iúlio, Octavius Mariana Torres, Oracle Mauro Ramos, Orator

CAST (RUSSIAN) Sergey Kolesnikov, Emperor Nero Rudolf Pankov, Leontius Ilva Khvostikov, Octavius Daria Frolova, Oracle Oleg Sherbinin, Orator

ADDITIONAL QA BY Matthew Humphrey, Lead QA Tester Iames Brown, OA Tester Thom Cottrell, QA Tester

Mercedes Cepeda, Septima Celia de Diego, Summer Juan Arroyo, Vitalion Gabriel Jiménez, Announcer

Liliana Barba, Septima Cony Madera, Summer Jose Luis Orozco, Vitalion Victor Perés, Announcer

Marco Kröger, Oswald Schaukie Könnig, Septima Gundi Fberhard Summer Oliver Stritzel, Vitalion Mario Hassert, Announces

Hervé Caradec Oswald Anne Rochant, Septima Céline Duhamel, Summer François Siener, Vitalion Gérard Surugue, Announces

Antonello Governale, Oswald Cinzia Massironi, Septima Marcella Silverstri, Summer Mario Scarabelli, Vitalion Silvano Piccardi, Announcer

Daisuke Egawa, Oswald Tomoko Natsukawa, Septima Yu Asakawa, Summer Koutarou Nakamura, Vitalion Go Shinomiya, Announcei

Dennis Willekens, Oswald Hilke Bierman Septima Hymke de Vries, Summer Stan Limburg, Vitalion Daan van Rijssel, Announcer

Iúlio Chaves Oswald Mariângela Cantu, Septima Miriam Fischer, Summer Flávio Back, Vitalion Mauro Ramos, Announcer

Andrey Yaroslavtzev, Oswald Maria Ovchinnikova, Septima Bella Ko, Summer Alexander Khotchenkov, Vitalion Alexander Bordoukov, Announcer

> James Rawlings, QA Tester Tarak Ford, OA Tester

CRYTEK FRANKFURT STUDIO

Martin Franz, General Counse Rasmus Hoeiengaard, Director of Creative Developmen Carl Jones Global Director of Business Development Dirk Metzger, Head of Online Publishing

Rebecca Polley, CFO Tanva Soellner, Executive Assistan Philip Iames White, Head of Online Operations

Vaclay Kyba, Senior Graphics Engineer

Alexander Benz Pipeline Tools Engineer

Leon Zeer, Junior Technical Writer

Dennis Bautembach, Software Engineer

CINEBOX TEAM

Kirthy Iver, Product Manager Xiaomao Wu, Lead Software Engineer Minghao Pan, Graphics Engineer Stephen Clement, Junior Graphics Programmer Serhat Eser Erdem, Senior Graphics Engineer

CENTRAL VIDEO GROUP

Hannes Appell Senior Cinematics Artist Frieder Erdmann, Cinematic Artist Dmitry Gait, 3D Artist Joseph Garth, Cinematic Artist Tatiana Hoeiengaard, Project Manager Timo Kujansuu, 3D Artist

Matthew Lee Technical Animator Chris North, Lead Video Editor Felix Pedulla, Junior Digital Artist Philip Roberts, Senior Digital Video Artist Antoine Tran. Senior Animator

MARKETING & PUBLIC RELATIONS

Tanja Ahles, Event Manager Paul Andrei Costin, Senior Brand Manager Bo Marit de Vries, Junior Editor Thomas Ebsworth, Senior Online Marketing Manager Felix Hardt, Community Manager Marcel Hatam, Junior Online Marketing Manager Kerstin Hevne, PR Intern Ran Hu, Junior Media Designe Denise Hazel Karunungan, Media Designer Franziska Lehnert, Senior PR Manager

Richard Miller, Marketing Intern Gerhard Molin, Event Intern Peter Papadopoulos, Online Marketing Manager Craig Rennie, Senior Editor Stephan Röhrig, Online Marketing Manager Jens Schäfer, Head of Public Relations Sven Schmidt, Director of Marketing Peter Schmidt, Junior Brand Manager Philippe Stegmann, Monetization Manager Jennifer Willis, PR Manager

HUMAN RESOURCES DEPARTMENT

Tatiana Nahli HR Assistant Michael Endres, Learning & Development Manager Madlen Frey, Office Coordinator Monika Savanovic, HR Assistant Sabrina Hahn, HR Coordinator Paula Sotta De Sousa, HR Intern Andrea Hartenfeller, HR Manager Richard Tackenberg, Administrative Assistant Yvonne Lipowicz, Recruitment Coordinato Mariele Weber, HR Director

IT DEPARTMENT

Bilal Akyildiz, IT Intern Andac Barut, Junior IT Administrator Engin Ricer IT Administrator Kevin Günderoth, IT Administrator Marcel Lichner, Junior System Administrator Andre Lorenz, IT Administrator Mehmet Yerli IT Administrator Sade Durmaz, IT Manager

CRYFNGINE TEAM

Evgeny Andreeshchev, R&D Senior Tools Engineer Erla Arnadottir, Account Manager - EMEA Leander Beernaert, Junior Programmer Aleksander Budzynski, Sandbox Lead Designer Areil Cai, Business Development Director - CRYENGINE Wayne Choi, Business Director - APAC Murat Erdibil, Web Operations Manager Scott Fitzgerald, Sandbox Product Manager Niels Fröhling, R&D Tools Engineer Valerio Guagliumi, Engine Programmer Sascha Hoba, Senior Engine Programmer Marco Hopp, Junior Technical Designer

Jaesik Hwang, R&D Senior Tools Engineer Adam Christopher Johnson, Technical Designer Tomasz Jonarski, Senior R&D Tools Engineer Vladimir Kajalin, R&D Principal 3D Engine Engineer Konrad Kasior, R&D Sandbox Tools Engineer Nikolas Kasyan, R&D Senior Rendering Software Engineer Andrey Khonich, R&D Principal Renderer Engineer Anton Knyazyev, R&D Senior Physics Engineer Achim Lang, Engine Programmer

Rune Rask Langkilde, Junior 3D Artist Michiel Meesters, Engine Programmer Jaume Moragues, Junior Programmer J. Scott Peter, Technical Lead Benjamin Peters, Senior Support Engineer Mathieu Pinard, Development Manager Gabriel Rodriguez-Hernandez, Engine Programmer Sergiy Shaykin, Sr. Software Engineer - Sandbox & Tools Kathrin Siegmund, Team Coordinator Berker Siino, Senior 3D Artist Sergey Sokoy, Senior Software Engineer - Sandbox & Tools Dmitry Tishkov, Senior Graphics Engineer Christopher H. Ziliotto, US Sales Operations Manager

Zunyu Ahang, Junior Engine Programmer Allen Chen, Senior Engine Programmer Eric Hu, Producer - Warface China Adam Lang, General Manager - Shanghai Studio Victor Oian, Assistant Producer - Warface China Chen Tong, Administration Manager - Shanghai Studio

BUSINESS DEVELOPMENT

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Gunnar Meier Project Controller Jennifer Neppe, Accountant Marco Weihert, Accountant

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