What is a video game?

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Overview

People are always curious about new things,they want to know more things.A new game is enough to arouse people's curiosity.When you are tired of working,it is a good choice to escape from realistic to play video game.Video game is different from a movie.You can interactive with the computer.Obviously,it is more interesting than movie.

Introduction of video game

Definition:

any of various interactive games played using a specialized electronic gaming device or a computer or mobile device and a television or other display screen, along with a means to control graphic images.

Game Categories :

Casual games：

A casual game is a video game targeted at or used by a mass audience of casual gamers. Casual games can have any type of gameplay, and fit in any genre. They are typically distinguished by their simple rules and lack of commitment required in contrast to more complex hardcore games.They require no long-term time commitment or special skills to play, and there are comparatively low production and distribution costs for the producer.

Casual games are typically played on a personal computer online in web browsers, although they now are starting to become popular on game consoles and mobile phones as well. Casual gamers are typically older than traditional computer gamers,and more often female, with over 74% of casual gamers being female.

Most casual games have similar basic features:

- Extremely simple gameplay, like a puzzle game that can be played entirely using a one-button mouse or cellphone keypad
- Familiar genre, like a card game or board game[5]
- Allowing gameplay in short bursts, during work breaks[5] or, in the case of portable and cell phone games, on public transportation
- The ability to quickly reach a final stage,[6] or continuous play with no need to save the game
- Some variant on a "try before you buy" business model or an advertising-based model

Serious games

Serious games are simulations of real-world events or processes designed for the purpose of solving a problem. Although serious games can be entertaining, their main purpose is to train or educate users, though it may have other purposes, such as marketing or advertisement. Serious game will sometimes deliberately sacrifice fun and entertainment in order to achieve a desired progress by the player. Serious games are not a game genre but a category of games with different purposes. This category includes some educational games and advergames, political games, or evangelical games.Serious games are primarily focused on an audience outside of primary or secondary education.

Hardcore games

Game Structure

– Start up: It is the first steps to launch the game.
– Introductory Movie: Usually,it is a short film to introduce the background of the game or review the last game of this series.
– Front End   Choice the options as you like
    a.Game Options
    b.Sound Options
    c.Video Options
–menu: I can choose the game mode that I want,or change the options.
– Loading Screen   :Wait to play game
   • – Main Game
    a.Introduction: you can get the information about the victory conditions
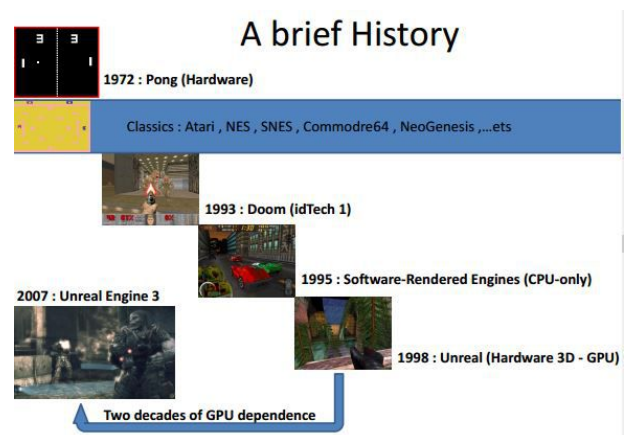   b.Game play: It is the most excited

part of whole game
      – game modes
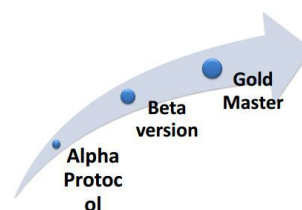   – modes control
      –map
      –feedback
      ... ...
    c.Pause Options
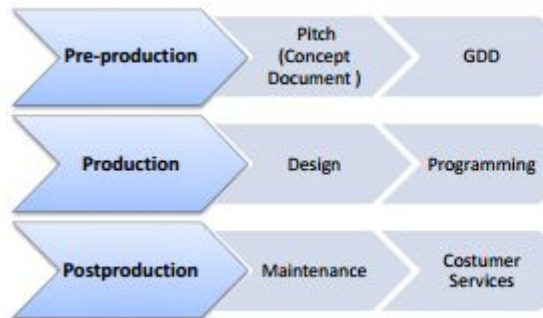– End Game Movie
– Credits
– Shut down

History

A brief History
1972 : Pong (Hardware)
Classics : Atari , NES , SNES , Commodre64 , NeoGenesis ,...ets
1993 : Doom (idTech 1)
1995 : Software-Rendered Engines (CPU-only)
2007 : Unreal Engine 3
1998 : Unreal (Hardware 3D - GPU)
Two decades of GPU dependence

Three Main Milestones

Gold Master
Beta version
Alpha Protocol

Game Development Process

Pre-production	Pitch (Concept Document)	GDD
Production	Design	Programming
Postproduction	Maintenance	Costumer Services

Summary

Electronic games do not have a long history,but it develop rapidly.It involve many aspects include art ,science ,technically ,business.From this study ,I learn somethings about game categories,history and development process.

References

https://en.wikipedia.org/wiki/Casual_game