

# What is a Video Game?

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## Abstract

Video Game is a kind of game which bases on electronic devices like PC, smart phone, Play Station4, Xbox One and so on. Video game is also a software which programmed by a game studio. It has many types such as First Person Shooting, Real Time Strategy, Role Playing Game, Puzzle Game, Act Game, MMO RPG.

Video game has developed for many years. Some very simple video game was born in 1950s. Then video games became more and more complex. More and more companies came to compete against others.

Video game become more important in people's life, whether he plays video games or not. Some scholars even study on video game specially. It is obviously that video game will be an important part of the future.

## Introduction

Game is an active that people go to interact with some existed elements within the rules. Video game is also a kind of game, but its platform is electronic device.

Since 1950s, some very simple video games was born such as Tennis For Two, however, the first period of video game which was accepted was the ATARI time.

ATARI published a game console which confirmed the model of the game console: a main unit and divided controllers.

The market that ATARI built was very unstable. There were many low quality games. Those low quality games were made by some companies who wanted to fish in troubled waters.

Until 1980s, many famous games came out. Namco published the famous Pac-Man. Zork published the Ultima. Nintendo, Sega, Squire Enix, Capcom also presented outstanding works in succession.

Now, there are many excellent games. People divide them into many types: First Person Shooting, Real Time Strategy, Role Playing Game, Puzzle Game,

Act Game, MMO RPG, Racing Game, Horror Game and so on.

For example, Fallout 4 is a role playing game. It tells a story in a world which is destroyed by the new-clear war. Player will play a man or a women who survived during the war. Player need to collect all resources for living on and be careful about those enemies.

Fallout 4 is very popular in the whole world. More 2 million copies of Fallout 4 was sold in the first week. Why is it so popular? Because the aims of players are simple and plain.

Maybe many people have had the idea: "This game is so bad, if it was me, I would.....". This idea(Whether it is mature or not.) is the judgment according to players' feeling. In other words, this is player's understanding about the game. It involves two concept:

### Core Gameplay and Core Mechanics.

Core Gameplay is the basic point of a game. If the point is excellent enough and players can experience the point, naturally, the game will succeed.

Core Mechanic is the operation mechanism of a game. Core Mechanic is the biggest part players involve in. Players can control the process of game and get different results by Core Mechanic.

For example, to board games, the Core Gameplay is using strategies to win and the Core Mechanic is moving checkers. Another example, Left 4 Dead II is a very popular game. Its Core Gameplay is overcoming the crisis by team work and surviving. The Core Mechanic is very easy, using gun to shoot zombies. To Fallout 4, the Core Gameplay is just surviving and Core Mechanic is collecting all resources that players need.

Along with the game industry developing, the theories of video game also become mature. People even improve the video games further on. Nowadays, people are trying to program video games on VR devices. It will help players have a better experience during playing video games.

## **Overview**

It is a long way that video game has passed through. From simple games to complex games, people have built a complete theory architecture of video game. The video game industry is still going on. The game is becoming better and better.

## **Summary**

Many people have a game console in their living rooms. It seems that the video game has been an indispensable part of people's lives. Whether a video game is popular or not, it should take aim of bringing fun to people firstly.