

VideoGame for schema.org (draft)

This document is a proposal by Yandex for some extensions of Schema.org schemas to support the description of video games.

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Property	Type	Description
minNumberOfPlayer	Number	Minimum number of players in a game
maxNumberOfPlayer	Number	Maximum number of players in a game
character	Person	The various roles associated with game. It may be player character, a non-person character, player.
quest	Thing	The task that a player-controlled character, or group of characters may complete in order to gain a reward
Item	Thing	An item is an object within the game world that can be collected by a player or, occasionally, a non-player character.
location	URL or Text	Real or fiction location of the game (or part of game)
statistic	Thing	A piece of data that represents a particular aspect of a fictional character (skill, power, character points, advantage, disadvantage)

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Add the following property to the existing type

Property	Type	Description
help	URL or Text	Link to the help page
softwareLocalizer	Organization or Person	Organization or person who adapts computer software to different languages, regional differences and technical requirements of a target market.
addons	SoftwareApplication	Additional content for software application

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A video game is an electronic game that involves human interaction with a user interface to generate visual feedback on a video device

Property	Type	Description
playModes	Text	Indicates whether this game multi-player, co-op or

		single-player
cheatCodes	URL or Text	Cheat codes to the game
tips	URL or Text	Links to tips, tactics, etc
platform	URL or Text	The electronic systems used to play video games http://en.wikipedia.org/wiki/Category:Video_game_platforms

Example

This type is applicable for example for those pages

<http://store.steampowered.com/app/244850/>

<http://www.gamespot.com/titanfall/>

<http://www.elderscrolls.com/>

1.

```
<div itemscope itemtype="http://schema.org/VideoGame">
  <h1 itemprop="name"> Super Game </h1>
  <link href="http://example.com/supergame1" itemprop="url">
  
  <div itemprop="description">Ultra interesting. Super impressive. Mega
  attractive</div>
  <div>
    <p>Language<span itemprop="inLanguage">Russian</span></p>
    <p> Localizer <span itemprop="softwareLocalizer">TranslateStudio
  Inc.</span></p>
  </div>
  <div>
    <p>Language<span itemprop="inLanguage">Chinese</span></p>
    <p> Localizer <span itemprop="softwareLocalizer">Fānyì zhě
  Inc.</span></p>
  </div>
  <div itemscope itemtype="http://schema.org/AggregateRating"
  itemprop="aggregateRating">
    <div>Game rating: <b itemprop="ratingValue">5</b></div>
  </div>
  <div itemprop="author" itemscope
  itemtype="http://schema.org/Organization">
    <p> Author<span itemprop="name"><a itemprop="url"
  href="http://gds.com">GameDevelopmentStudio</a></span></p>
  </div>
  <p> Publisher <span itemprop="publisher">RL Russia</span></p>
  <time itemprop="datePublished" datetime="2012-03-02">
  <div>Game Specific
    <meta itemprop="playModes" content=" single-player" >
    <p>Genre <span itemprop="genre">Action (Shooter / Robot) / 3D /
  1st Person</span>
    <p>Similar games <span itemprop="similarItems">Battlefield 4,
  Call of Duty: Ghosts, Hawken, Killzone: Shadow Fall</span></p>
  </div>
  <div>System Requirements
    <p>Processor requirements<span itemprop="processorRequirements">4
  GHz</span></p>
```

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        <p>Memory requirements<span itemprop="memoryRequirements">8
Gb</span></p>
        <p>Storage requirements<span itemprop="storageRequirements">64
Gb</span></p>
    </div>
    <ul>
        <li itemprop="platform"> 3DS </li>
        <li itemprop="platform"> PC </li>
        <li itemprop="platform"> PlayStation 3</li>
        <li itemprop="platform"> PlayStation 4</li>
    </ul>
    <div itemprop="addons" itemscope
itemtype="http://schema.org/VideoGame">DLC
        <h2 itemprop="name"> New colour of sky<link
href="http://example.com/supergamedlc1" itemprop="url">
</h2>
        <link href="http://example.com/supergame1" itemprop="url">

    </div>
    <div itemprop="associatedMedia" itemscope
itemtype="http://schema.org/VideoObject">
        <h2>Video: <span itemprop="name">Super Game review</span></h2>
        <meta itemprop="duration" content="T1M33S" />
        <meta itemprop="thumbnail" content="super-game.jpg" />
        <object ...>
        <param ...>
            <embed type="application/x-shockwave-flash" ...>
        </object>
    </div>
    <div itemprop="news" itemscope itemtype="http://schema.org/NewsArticle">
        <span itemprop="name">How to win the Super Game</span>
    by <span itemprop="author">John Doe</span>
    This Guide will show you how to win the Super Game.
        <meta itemprop="interactionCount" content="UserTweets:1203"/>
        <meta itemprop="interactionCount" content="UserComments:78"/>
    </div>
    <div>
        <h2>Hints, Secrets, Glitches & Easter Eggs</h2>
        <p>Easy Credits <span itemprop="cheatCodes">To get infinite
credits you must first have at least 1 or 2 companions with you </span></p>
        <p><a href="http://example.com/strategy/super-
game/victory.php">Victory Strategy Guides</a></p>
    </div>
</div>

```

2.

```

<script type="application/ld+json">
{
"@context": "http://schema.org",
"@type": "VideoGame",
"name": "The Elder Scrolls V: Skyrim",
"url": "http://www.elderscrolls.com/skyrim",
"playModes": "Single-player",
"item": {
    "@type": "Thing",

```

```

    "name": "Oghma Infinium",
    "url": "http://elderscrolls.wikia.com/wiki/Oghma_Infinium_(Skyrim)",
    "description": "The Oghma Infinium (Plural: Oghmae Infinium[OOG 1]) is a very powerful Daedric artifact belonging to the Daedric Prince Hermaeus Mora. It is an ancient tome of knowledge written by Xarxes, the wizard sage and scribe also known as The Ageless One. The Oghma Infinium is given to Hermaeus Mora's champion upon completion of a specific task or quest. Once read, it disappears, returning to Hermaeus Mora's realm in Oblivion.",
    "image": "http://img1.wikia.nocookie.net/__cb20120209152336/elderscrolls/images/thumb/b/b0/Oghma.jpg/180px-Oghma.jpg"
  },
  "quest": [
    {
      "@type": "Thing",
      "name": "Unbound",
      "url": "http://elderscrolls.wikia.com/wiki/Before_the_Storm",
      "description": "It serves as the tutorial mission where the player learns the basics about the game.",
      "image": "http://img2.wikia.nocookie.net/__cb20121120234225/elderscrolls/images/thumb/a/a3/Unbound.png/256px-Unbound.png"
    },
    {
      "@type": "Thing",
      "name": "Before the Storm",
      "url": "http://elderscrolls.wikia.com/wiki/Unbound",
      "description": "Before the Storm is a quest available in The Elder Scrolls V: Skyrim. After escaping from the dragon attack at Helgen, it's necessary to follow the advice received that leads to Riverwood. It is possible to gather supplies and prepare for a trip to Whiterun to report the recent events to Jarl Balgruuf.",
      "image": "http://img2.wikia.nocookie.net/__cb20120928235929/elderscrolls/images/thumb/1/1d/Alvor.png/256px-Alvor.png"
    }
  ],
  "statistic": {
    "@type": "Thing",
    "name": "Deathbrand Instinct",
    "alternateName": "Ability",
    "description": "Increases armor rating by 100 points if wearing all Deathbrand Armor"
  },
  "location": ["Beitild's House", "Brina's House", "Dawnstar Barracks", "Fruki's House", "Irgnir's House"]
}
</script>

```

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Property	Type	Description
serverStatus	Text	Status of game server
playersNumber	Number	Number of players on the server

Example

This type is applicable for example for those pages

<http://elderscrollsonline.com/en-uk/>

<http://www.mineplex.com/>

<http://www.gamesgames.com/game/santa-and-the-lost-gifts>

<http://eve-online.browsergamez.com/>

```
<script type="application/ld+json">
{
  "@context": "http://schema.org",
  "@type": "OnlineGame",
  "name": "Minecraft",
  "url": "http://www.mineplex.com/",
  "playModes": "Multiplayer",
  "playersNumber": "5361",
  "video": {
    "@type" : "http://schema.org/VideoObject",
    "caption" : "CHALLENGE ACCEPTED! #6 [Hot Pepper Challenge!]",
    "description" : "How many Jalapeno can I eat without crying? ZERO.
    Today's challenge is for every chest I open, I have to eat a
    Jalapeno and... I HAVE TO WIN. This video was painful",
    "url" : "http://www.youtube.com/watch?v=0q6a9aFk3XY"
  },
  "news": {
    "@type": "http://schema.org/NewsArticle",
    "url": "http://www.mineplex.com/home/m/14896499/article/2173030",
    "name": "LOVE MINEPLEX <3",
    "datePublished": "03-17-2014"
  }
}</script>
```