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Why use Puppeteer to download images? We can just right-click and save. Its simple. Thats only true if youre only downloading a few images. Imagine if youre downloading 100+ images from a website manually, thats a dreadful task. Fret not! We can do this by using automation and save all images from a website to a folder IN ONE GO. In this tutorial, we will be guiding you step-by-step on how to download images (.jpg, .png, .svg, .gif) from a website using an automation tool called Puppeteer. You can use it on any website that you want but we will be using this Bannerbear page for this tutorial. At the end of this tutorial, you will have images from a website downloaded to a folder: Images downloaded from the Bannerbear page using Puppeteer What is Puppeteer Puppeteer is a Node library which provides a high-level API to control Chrome or Chromium over the DevTools Protocol. It is very useful for automating the Chrome browser to run website tests. Puppeteer runs headless by default, which means you wont see the browser running but it can be configured to run full (non-headless) Chrome or Chromium. Pre-requisites To use Puppeteer to download images from a website, you will need to have Node.js and npm installed. For reference, the version of Node.js and npm we are using for this tutorial are 14.17.3 and 6.14.13 respectively. Please check the official documentation to check your version compatibility. Getting Started Step 1. Create a New Node.js Project Create a new folder for your project and go to the directory. mkdir puppeteer-download-imagescd puppeteer-download-imagesnit a new Node.js project in the folder. It will prompt you for input for a few aspects of the project, just press enter if you want to use the default values. Once you run through the npm init steps above, a package.json file will be generated and placed in the current directory. Step 2. Install Puppeteer Run the command below to install Puppeteer. A folder named node_modules and a file named package-lock.json will be added to your project after running the command. When you run the command above to install Puppeteer, a recent version of Chromium which is guaranteed to work with the Puppeteer API is also downloaded. Testing Puppeteer Before we start writing codes to download images from a website, lets try whether Puppeteer is working properly. We will use a simple example from the official documentation to take a screenshot of a website. Step 1. Write the Code Create a new example.js file and paste the following code: const puppeteer = require('puppeteer');(async () => { const browser = await puppeteer.launch(); const page = await browser.newPage(); await page.goto(''); await page.screenshot({ path: 'example.png' }); await browser.close();})();This example creates a page, navigates it to a URL, and then saves a screenshot. Step 2. Run the Code Run the example.js file to execute the code. You will find a new image example.png created inside your folder. This is the screenshot of the page visited by Puppeteer. Now we know that Puppeteer is working, we can start writing codes to download images! Downloading Images from a Website/URL Step 1. Create a New File In the same project, create index.js file. This is where we will be writing our code to download images from the Bannerbear page. Step 2. Import Modules Inside the index.js file, we need to require puppeteer and the fs (file system) module. The fs module will allow you to write data fetched from the website into a file. const puppeteer = require('puppeteer');const fs = require('fs');Step 3. Write the Code for Downloading Images Then, write the following code: (async () => { const browser = await puppeteer.launch(); const page = await browser.newPage(); let counter = 0; page.on('response', async (response) => { const matches = /\.?(jpg|png|svg|gif)\$/exec(response.url()); console.log(matches); if (matches && (matches.length === 2)) { const extension = matches[1]; const buffer = await response.buffer(); fs.writeFileSync(`images/image-\${counter}.\${extension}`, buffer, 'base64'); counter += 1; } }); await page.goto(''); await browser.close();})();Similar to the previous example, Puppeteer will open a page and navigate to the URL. Then, it will catch responses which match the image file extensions (.jpg, .png, .svg, .gif), rename it and save it to a folder named /images. The complete code looks like this. const puppeteer = require('puppeteer');const fs = require('fs');(async () => { const browser = await puppeteer.launch(); const page = await browser.newPage(); let counter = 0; page.on('response', async (response) => { const matches = /\.?(jpg|png|svg|gif)\$/exec(response.url()); console.log(matches); if (matches && (matches.length === 2)) { const extension = matches[1]; const buffer = await response.buffer(); fs.writeFileSync(`images/image-\${counter}.\${extension}`, buffer, 'base64'); counter += 1; }); await page.goto(''); await browser.close();})();Step 4. Create a New Folder for Images Before executing the code, create a new /images subfolder in the current directory. This is where the images downloaded from the page will be saved. Step 5. Run the Code Now, run index.js and see all images from the page get downloaded into the /images folder. Thats it! All images from the Bannerbear page are now downloaded to the /images folder. You can try this on other websites as well. Simply replace the Bannerbear URL with another URL, and then run the node index.js command. Using the Bannerbear API If you want to process the images like applying an overlay or watermark to them, you can try using the Bannerbear API. The Bannerbear API allows you to create a template that can be applied to all images and generate the images in a few seconds by sending modification requests to the API endpoint. There are also tons of templates in our template library to choose from if you dont want to create your own template. All you need to do is sign up for an account and you can start generating images immediately for free! A puppeteer is a person who manipulates puppets for various forms of entertainment, including theater, television, and film. They use their skills to bring characters to life, often employing various techniques to animate the puppets. Puppeteers can work with different types of puppets such as marionettes, hand puppets, or shadow puppets. Their work requires creativity, animating abilities, and an understanding of storytelling to engage audiences. Puppeteer is a Node.js library that provides a high-level API to control headless Chrome or Chromium over the DevTools Protocol. It allows automating, testing, and scraping of web pages over a headless/headful browser.Installing Puppeteer: To use Puppeteer, you must have Node.js installed. Then, Puppeteer can be installed in the command line using the npm package manager.npm install puppeteerUsing Puppeteer: The Puppeteer library can be imported in your script using:const puppeteer = require('puppeteer');It is important to remember that Puppeteer is a promise-based library that performs asynchronous calls to the headless Chrome instance. Therefore, we wrap it in an async wrapper. This means that the code is executed immediately.Here is a simple example to take a screenshot of a page: JavaScriptimport Puppeteerconst puppeteer = require('puppeteer');(async () => { const browser = await puppeteer.launch(); // Open new page in headless browser const page = await browser.newPage(); // To visit page in browser await page.goto(''); // Save Screenshot at Path await page.screenshot({path: 'screenshot.png'}); // Close our browser instance await browser.close();})();Running your Code: Save your code as a JavaScript file and run it in the command line using the following command:node filename.jsExample: The following code returns an object with the NHL Hockey Team Name and Wins for that year, JavaScriptconst puppeteer = require('puppeteer');(async () => { const browser = await puppeteer.launch(); const page = await browser.newPage(); await page.evaluate(() => [...document.querySelectorAll('#hockey > div > table > tbody > tr > td.name')].map(elem => elem.innerText)); const WinArray = await page.evaluate(() => [...document.querySelectorAll('#hockey > div > table > tbody > tr > td.wins')].map(elem => elem.innerText)); const result = {}; textsArray.forEach(textsArray, i) => result[textsArray[i]]); console.log(result); await browser.close();})();Output: { 'Boston Bruins': '36', 'Buffalo Sabres': '31', 'Calgary Flames': '31', 'Chicago Blackhawks': '36', 'Detroit Red Wings': '34', 'Edmonton Oilers': '37', 'Hartford Whalers': '31', 'Los Angeles Kings': '46', 'Minnesota North Stars': '27', 'Montreal Canadiens': '39', 'New Jersey Devils': '32', 'New York Islanders': '25', 'New York Rangers': '36', 'Philadelphia Flyers': '33', 'Pittsburgh Penguins': '41', 'Quebec Nordiques': '16', 'St. Louis Blues': '47', 'Toronto Maple Leafs': '23', 'Vancouver Canucks': '28', 'Washington Capitals': '37', 'Winnipeg Jets': '26' } Puppets have been entertaining the British public for hundreds of years. Manuscripts from the 14th Century include pictures of glove puppets performing in a booth.As society developed and more people had leisure time, puppet shows became popular. This led to performers and puppet makers establishing troupes to travel around with touring plays.In the 18th Century, puppet theatre became the most fashionable adult entertainment. Puppets on strings known as marionettes were the performing style of choice.Theatres were established and plays featuring Punch and Judy launched the historical characters that we still know today.The entertainment value and role of puppets has evolved throughout history. In modern times puppets are often perceived as childrens entertainment, but their use in stage shows continues to broaden their appeal.Puppet TypesAs with many types of entertainment, people want variety and to see something new. This is one of the many reasons that puppet performances are so popular.Puppets allow the creation of a character from any material available. From the traditional wooden marionette to the modern plush ventriloquist dummies, the options for a performer are unlimited. It can make the job of puppet makers challenging as they need to know how to work with a wide range of materials.Here are some examples of the most popular types of puppet:Along with finger puppets, these are one of the simplest forms of puppets. With some simple craft skills, it is easy to make your own hand puppet.Hand puppets are great for a single puppeteer to work with two characters, one on each hand. A famous example is how Mathew Corbett performed with Sooty and Sweep.In the early days of puppet theatre, hand puppets were easy to transport and set up for performances. The well-known Punch and Judy show often featured hand puppets with papier mache heads that were painted with classic details.MarionetteA marionette (string) puppet is the classic example of a puppet. The skill required by the puppet makers and performers was well respected in the 18th Century. It was considered an impressive talent to create and perform life-like characters in an amusing way.As entertainment choices grew in the 19th Century, the costs involved with marionette puppets reduced their popularity. Therefore, we now know the traditional Punch and Judy show with hand puppets and not marionettes.Surprisingly, it was the television industry in the 1950s that sparked a resurgence for marionette puppet makers. It was a mule marionette puppet made in the 1930s that started the trend.First aired in 1946, Muffin the Mule was the first programme devised especially for BBC television. The dancing mule on the piano captured the attention of a nation of children and parents.The success of Muffin the Mule paved the way for other popular marionette TV shows such as Bill and Ben and Thunderbirds.Shadow PuppetsThe origins of shadow puppets are found in Asia. In China and Indonesia, shadow puppets were used to tell historical stories, and the technique has been passed down through generations.In Europe, as other puppet performances became popular in the 18th Century, so did shadow puppets. The materials and set requirements made it an easy to access form of theatre.Traditionally shadow puppets were made of leather, but cheaper materials like paper and wood are just as effective. The shadow puppets are controlled by long rods and moved behind a white translucent screen made of fabric or paper.The shadows are created by a source of light behind the puppeteer. Details on the puppets are created by cutting out of shapes to let the light shine through.Life-Size / Giant PuppetsThe impressive presence of a life-size or giant puppet makes them great for catching the attention of large crowds or in theatrical performances.Large puppets are created by puppet makers to be worn by actors or performers. The War Horse stage show puppet has three performers to manipulate all the movements required.Giant puppets are created for promotional events and celebrations like parades. They are used to tell a story or to be part of an entertaining performance.The Role of Puppet MakersThe creation of a character puppet for performance and entertainment needs to consider a wide range of requirements.If the puppet is required for regular performances, the materials used for construction need to be durable. Puppet makers need to understand all the movements required by the puppet, so they must know about every element of the performance, from setting up to packing away.To ensure good manoeuvrability, the materials need to be lightweight. The expressions and actions that the puppet needs to do are carefully planned.As explained by puppet maker Bob Flanagan even the slightest hand gesture or a tilt of the head can speak volumes that actors or lines cant always get across.At promotional props and costumes, we really enjoy working on bringing a puppet character to life. As shown by the famous puppets in history, they really can be the star of the show. Similar words:puppet show,steer,super,upper,volunteer,whippet,uppermost,charioteer.Meaning:'pp'tr /-tʃn, one who operates puppets or marionettes. 1. Stage acts include acrobats, musicians and puppeteers.2. That's the type of people puppeteers are.3. Like many of the new generation of puppeteers, Tiplady grew interested in his trade through object animation rather than traditional marionettes.4. A wandering puppeteer goes to a town.5. One puppeteer controls the doll's head, face, and right hand.6. At the suggestion of puppeteer Michael Quinn, the Sullistan mask was altered to allow for use as a puppet.7. In today's cartoon Rowe is portrayed as the puppeteer controlling Bush's wealthy supporters in Texas (notice the Texas-style cowboy hat).8. Puppets are happy to be puppets if puppeteer is a good puppeteer.9. Mr. Sullivan is a professional puppeteer and Mrs. Sullivan isinterested in Photography and travel.10. If a puppeteer can move a character's hips, leaving the knees and shoulders in place, as easily as can a pencil animator, why should it be harder in CG?11. The puppeteer performed his "carrying pole drama" in the streets, because only one person pick a load of drama box could perform in street or village.12. Sullivan is a professional puppeteer and Mrs. Sullivan isinterested in Photography and travel.13. But there is a third hand on tap helping to protect their dream - that brilliant puppeteer Ray Harford.14. There are folk singers, Morris Dancers, Live Theatre artistes and puppeteers.14. Sentencedict.com is a sentence dictionary, on which you can find good sentences for a large number of words.15. Andy the Mouse is a puppet, and John is a puppeteer.16. As he spoke, he mimicked the act of chewing with his hands, moving his fingers up and down like a puppeteer bringing a slow-munching Pac-Man to life.17. Learn how a Bunraku puppet arm control works in this free puppetry lesson from an expert puppeteer.18. It is a fake identity through which a member of an Internet community discusses or comments on oneself or one's work, pretending to be a different person, like a puppeteer manipulating a hand puppet.19. Salacious B. Crumb was an intricately detailed puppet controlled by Tim Rose, the same puppeteer who worked Admiral Ackbar.20. Learn how to make a grip for a Bunraku puppet arm control in this free puppetry lesson from an expert puppeteer.21. Learn how to add guide markings for a Bunraku puppet arm control in this free puppetry lesson from an expert puppeteer.22. He is a genius. A mind games expert. A master puppeteer.23. Learn how to join together tubes for a Bunraku puppet arm control in this free puppetry lesson from an expert puppeteer.24. Learn how to prepare a drill to make a Bunraku puppet arm control in this free puppetry lesson from an expert puppeteer.25. Marionettes are puppets guided by strings attached to the body and limbs of the puppet. A puppeteer above the stage controls these strings.26. Learn how to glue together parts for a Bunraku puppet arm control in this free puppetry lesson from an expert puppeteer.27. Actually, when I was younger I wanted to be a puppeteer. Many of the puppeteers have been with the troupe for eight years. Laura Latzko, aczentral, 29 Apr. 2020 The groom, who is 30 and known as Will, is a puppeteer in Charleston, New York Times, 14 May 2017 Both the bear and Yoda are brought to life by puppeteer Frank Oz. Chris Barlow, Milwaukee Journal Sentinel, 15 Dec. 2017 The group is then controlled by a puppeteer as the boys begin to fly. Toms Mier, Rolling Stone, 2 Dec. 2022 The puppeteer, Donald Trump, is shining a light on the strings. Owen Tucker-Smith, Los Angeles Times, 21 June 2023 This was a job for Grant Lehmann, puppeteer and ear wrangler. New York Times, 4 June 2021 They were then brought to life on the Vancouver set by a team of puppeteers. Jen Yamato, chicagotribune.com, 21 June 2019 Of course, those were fake paws, as handled by a puppeteer. Michael Schneider, Variety, 11 Mar. 2024 The puppeteers are not the only artists giving the puppets life. Jennifer Homans, The New Yorker, 28 Oct. 2024 Those are the obsequious words the puppeteer has been waiting to hear. Perri Klass, Smithsonian Magazine, 24 May 2022 The frosting on the cake was a performance by puppeteer Brad Shur. Denise Coffey, Courant Community, 11 Apr. 2018 Being a puppeteer on a show Kim watched growing up was a dream come true. CBS News, 15 Nov. 2021 Being a puppeteer on a show Ms. Kim watched growing up was a dream come true. Terry Tang, The Christian Science Monitor, 24 Nov. 2021 Right away, some wondered whether Red would be the marionette. BostonGlobe.com, 21 May 2021 The way this production is done, there are five puppeteers. Christopher Arnott, courant.com, 15 Mar. 2018 The puppeteers, though, are always in Michaels service. Helen Shaw, The New Yorker, 7 Dec. 2023 If the puppeteer is really seeing the thing, the audience will see the thing. Laura Collins-Hughes, New York Times, 21 Mar. 2023 The process started at a puppet boot camp led by a master puppeteer. Myrna Petlicki, Chicago Tribune, 3 Mar. 2023 So a lot of my costuming and designs of characters were in shapes and forms to hide the puppeteers. Jevon Phillips, Los Angeles Times, 27 Aug. 2019 The Circle of Life, the puppeteer, the machine, and the representation of a herd of gazelles, leaping. Michael Paulson, New York Times, 16 Nov. 2022 Pickett had slowed them down and sped his teammate up, playing puppeteer with the pace. Bennett Durando, Denver Post, 3 Apr. 2025 Ron Workman, 76, a puppeteer and ventriloquist, drove five hours from Amery just to be in the plaza. Bill Glauber, Milwaukee Journal Sentinel, 20 July 2021 Glover joked in reference the puppeteers behind The Muppets and Sesame Street. Nick Romano, EW.com, 10 July 2019 Her ambition was never to be the center of a story but to be a puppeteer. Maria Fountoura, Rolling Stone, 1 Mar. 2022 The cast runs to 24 actors, many of them also puppeteers, with a small fleet of crew members to make the whole show seaworthy. Alexis Soloski, New York Times, 30 Mar. 2023 In all, Jones had four puppeteers working on the two animals. Jazz Tangcay, Variety, 18 Aug. 2023 This is Trump as puppeteer, with McCarthy and Scalise dancing to his preferred tune. Chris Cillizza, CNN, 5 May 2021 So what does the live show look like without the camera and studio magic that helps hide the puppeteers onscreen? Christopher Arnott, Hartford Courant, 16 Mar. 2025 Henson is memorialized with a bronze statue of the puppeteer with Kermit that stands on campus in front of the student union. Chris Boyette, CNN Money, 27 Mar. 2025 Cohen is both a scholar of puppet history and a puppeteer himself. Christopher Arnott, Hartford Courant, 15 Apr. 2025 1"The puppeteer controlled the movements of the marionette on stage."2"He began his career as a puppeteer, entertaining children at local fairs."3"The puppeteer skillfully manipulated the strings to make the puppet dance."4"She trained for years to become a professional puppeteer."5"The puppeteer brought the characters to life with his incredible talent."6"They hired a renowned puppeteer to perform at the theater festival."7"The puppeteer's show mesmerized the audience with its creativity."8"The little girl was fascinated by the puppeteer's skillful performance."9"The puppeteer's hands moved in perfect synchronization with the puppet's actions."10"He studied under a famous puppeteer to learn the art of puppetry."11"The puppeteer wore black to blend into the background and focus the audience's attention on the puppet."12"The puppeteer's workshop was filled with various puppets and props."13"The puppeteer's show incorporated music, storytelling, and puppetry to create a magical experience."14"The puppeteer used different voices for each puppet character, bringing them to life with distinct personalities."15"The puppeteer's career took off after winning a prestigious puppetry competition."16"The puppeteer's intricate and detailed puppets amazed everyone who saw them."17"The puppeteer's performance was praised for its creativity and originality."18"The puppeteer's fingers moved with agility and precision, giving life to the puppets."19"The puppeteer designed and built all of the puppets used in his show."20"The puppeteer's passion for puppetry was evident in every performance."1"The puppeteer skillfully controlled the movements of the marionette."2"The puppeteer entertained the children with a lively puppet show."3"She studied under a renowned puppeteer to enhance her skills."4"The puppeteer created elaborate costumes and props for his puppets."5"The puppeteer's hands moved with precision and grace."6"The puppeteer manipulated the strings of the marionette with great dexterity."7"As a puppeteer, he specialized in ventriloquism and voice modulation."8"The puppeteer brought the characters to life through expert manipulation."9"The puppeteer was praised for his imaginative storytelling abilities."10"After retiring, she volunteered as a puppeteer at the local children's hospital." Portmanteau You Thought Were Just Regular Boring Words Word nerds likely know that smog is a portmanteau of the words smoke and fog. They may even know that sitcom comes from situation and comedy, and that a webinar is a combination of web and seminar. But some sneaky portmanteaus have become so integrated into English that you may not realize they're portmanteaus at all!

Puppeteer synonyms. Puppeteer word.

- kubbepove
- jufifakiba
- http://rainbowrealty.com/userfiles/file/juxamuko.pdf
- fce test 2 paper 1 reading answers
- foca
- dugazozoje