

# Google Api Google Maps

Due to low user engagement and disclosed software design flaws that potentially allowed outside developers access to personal information of its users, the Google+ developer API was discontinued on March 7, 2019, and Google+ was shut down for business and personal use on April 2, 2019. c383411f56 Google deprecated the API in 2012 with guaranteed availability until April 2015. On March 18, 2019 Google turned off the API. Google recommends the successor service Google Charts. c383411f56 In November 2016, Google announced that Google Map Maker would be retired and merged with Google Maps. Google Map Maker was officially shut down on March 31, 2017. c383411f56 == Multi-user persistent - Wave Gadgets == c383411f56

Google Developers using Google's developer products. The site contains documentation on using Google developer tools and APIs—including discussion groups and blogs for developers using Google's developer products. There are APIs offered for almost all of Google's popular consumer products, like Google Maps, YouTube, Google Apps Google Developers (previously Google Code) is Google's site for software development tools and platforms, application programming interfaces (APIs), and technical resources c383411f56

Google Map Maker Changes to Google Map Maker were intended to appear on Google Maps only after sufficient review by Google moderators. Google Map Maker Google Map Maker was a map editing service launched by Google in June 2008. In geographies where it is hard to find providers of good map data, user contributions were used to increase map quality. Changes to Google Map Maker were intended to appear on Google Maps only after sufficient review by Google moderators. Google Map Maker was used at Google Mapathon events held annually. increase map quality c383411f56

== Interface == c383411f56 == Authentication and authorization == c383411f56 == Example == c383411f56 == History == c383411f56 There are APIs offered for almost all of Google's popular consumer products, like Google Maps, YouTube, Google Apps, and others. c383411f56

Google Chart API Google servers create a PNG image of a chart from data and formatting parameters specified by a user's

HTTP request. Google deprecated the API in 2012 with guaranteed availability The Google Chart API is a non-interactive Web service (now deprecated) that creates graphical charts from user-supplied data. The service supports a wide variety of chart information and formatting. Users may conveniently embed these charts in a Web page by using a simple image tag. diagrams, scatter plots, sparklines, maps, google-o-meters, and QR codes are supported c383411f56

Google Maps began as a C++ desktop program developed by brothers Lars and Jens Rasmussen, Stephen Ma and Noel Gordon in Australia at Where 2 Technologies. In October 2004, the company was acquired by Google, which converted it into a web application. After additional acquisitions of a geospatial data visualization company and a real-time traffic analyzer, Google Maps was launched in February 2005. The service's front end utilizes JavaScript, XML, and Ajax. Google Maps offers an API that allows maps to be embedded on third-party websites, and offers a locator for businesses and other organizations in numerous countries around the world. Google Map Maker allowed users to collaboratively expand and update the service's mapping worldwide but was discontinued from March 2017. However... c383411f56 Three kinds of drawing tools were available: placemark (a single point of interest on the map), line (for drawing roads, railways, rivers, and the like) and polygon (for defining boundaries and borders, adding parks, lakes and other large features). The approach encouraged by users and by Google was to trace features... c383411f56 == History == c383411f56

Google Gadgets With the advent of Google Wave Google Gadgets are dynamic web content that can be embedded on a web page. They can be added to and interact strongly with Google's iGoogle personalized home page (discontinued in November 2013, although iGoogle Gadgets still work on other websites) and the Google Desktop (discontinued in September 2011) application, as well as Google Wave (also no longer supported by Google) and Google Sites. by Google and third-party developers using the Google Gadgets API, using basic web technologies such as XML and JavaScript. Webmasters can add and customize a gadget to their own business or personal web site, a process called "syndication" c383411f56

The following URL creates the pie chart below: c383411f56 The APIs provide functionality like analytics, machine learning as a service (the Prediction API) or access to user data (when permission to read the data is given). Another important example is an embedded Google map on a website, which can be achieved using the Static Maps API, Places API or Google Earth API. c383411f56

Google Earth In 2019, Google revealed that Google Earth covers more than 97 percent of the world. Users can explore the globe by entering addresses and coordinates, or by using a keyboard or mouse. Google Earth has been Google Earth is a web and computer program created by Google that renders a 3D representation of Earth based primarily on satellite imagery.

Google Earth is able to show various kinds of images overlaid on the surface of the Earth and is also a Web Map Service client, as well as a Google Street View viewer using Peruse-a-Rue. Peruse-a-Rue is a method for synchronizing multiple Maps API clients. The program maps the Earth by superimposing satellite images, aerial photography, and GIS data onto a 3D globe, allowing users to see cities and landscapes from various angles. The program can also be downloaded on a smartphone or tablet, using a touch screen or stylus to navigate. Users may use the program to add their own data using Keyhole Markup Language and upload them through various sources, such as forums or blogs.

With the advent of Google Wave (now Apache Wave), gadgets became able to have persistent storage and multi-user capabilities and better state management. Gadgets using Google Wave in this way were simply known as 'Wave Gadgets'. For instance, a game written using a Google Gadget could use Google Wave technology to record a list of users and high scores without having to worry about how to permanently store the scores on a hosted server. The use of Google Wave would give the gadget multi-user... Usage of all of the APIs requires authentication and authorization using the OAuth 2.0 protocol. OAuth 2.0 is a simple protocol. To start, it is necessary to obtain credentials from the Developers Console. Then the client app can request an access Token from the Google Authorization Server, and uses that Token for authorization when accessing a Google API service.

Google+ The service, Google's fourth foray into social networking, experienced strong growth in its initial years, although usage statistics varied, depending on how the service was defined. The network was launched on June 28, 2011, in an attempt to challenge other social networks, linking other Google products like Google Drive, Blogger, Google AdSense, and YouTube. the Google+ developer API was discontinued on March 7, 2019, and Google+ was shut down for business and personal use on April 2, 2019. Three Google executives oversaw the service, which underwent substantial changes that led to a redesign in November 2015. Google+ was the Google+ (sometimes written as Google Plus, stylized as G+ or g+) was a social network owned and operated by Google until it ceased operations in 2019.

Using the find or browse tools, contributors were able to add and draw features directly onto a map where the borders had already been drawn, and could add features such as roads, railways, rivers and so on. In addition, users could add specific buildings and services onto the map such as local businesses and services. In 2014, the Museum of Modern Art acquired a physical representation of the Google Maps pin for its permanent collection. In 2020, the pin icon became the official logo of Google Maps. == Google APIs == Originally the API was Google's internal tool to support rapid embedding of charts within Google's own applications (like Google Finance for example). Google figured it would

be a useful tool to open up to web developers. It officially launched on December 6, 2007. The site also features a variety of developer products and tools built specifically for developers. Google App Engine is a hosting service for web apps. Project Hosting gives users version control for open source code. Google Web Toolkit (GWT) allows developers to create Ajax applications in the Java programming language.(All languages)

Google APIs Third-party apps can use these APIs to take advantage of or extend the functionality of the existing services. Third-party apps can use these APIs to take advantage of or extend the functionality of the existing services. Examples of these include Search, Gmail, Translate or Google Maps. The APIs provide functionality Google APIs are application programming interfaces (APIs) developed by Google which allow communication with Google Services and their integration to other services. Translate or Google Maps

Currently, line, bar, pie, and radar charts, as well as Venn diagrams, scatter plots, sparklines, maps, google-o-meters, and QR codes are supported.

Google Maps It offers satellite imagery, aerial photography, street maps, 360° interactive panoramic views of streets (Street View), real-time traffic conditions, and route planning for traveling by foot, car, bike, and public transportation. Google Maps offers an API that allows maps to Google Maps is a web mapping platform and consumer application developed by Google. Google Maps was launched in February 2005. The service's front end utilizes JavaScript, XML, and Ajax. As of 2020, Google Maps was being used by over one billion people every month around the world

Google Maps pin Although the Google Maps pin is protected The Google Maps pin is the inverted-drop-shaped icon that marks locations in Google Maps. Google has used the pin in various graphics, games, and promotional materials. The pin is protected under a U. The Google Maps API allows developers to create customized maps, for which they can create their own markers. quickly. design patent as "teardrop-shaped marker icon including a shadow". S

In addition to Earth navigation, Google Earth provides a series of other tools through the desktop application, including a measure distance tool. Additional globes for the Moon and Mars are available, as well as a tool for viewing the night sky. A flight simulator game is also included. Other features allow users to view... Jens Eilstrup Rasmussen designed the Google Maps pin... The pin, sometimes referred to as "the marker", has been widely co-opted by other companies, organizations, and individuals for their own marketing efforts, artwork, and activism. In both digital and physical representations, the pin is often used to symbolize mapping software and the technology industry as a whole.

Gadgets are developed by Google and third-party developers using the Google Gadgets API, using basic web technologies such as XML and JavaScript. c383411f56

Google I/O "I/O" stands for input/output. announcement Google+ Hangouts app and metrics Platform for Mobile with SDKs and APIs Maps Offline for Android Enhanced maps in API Transit data in API Nexus Google I/O is an annual developer conference held by Google since 2007 in Mountain View, California. The annual conference started as "Google Developer Day" a year prior c383411f56

The first conference, in 2007, was called "Google Developer Day" and was hosted at the San Jose Convention Center, with 1,000 tickets for developers. Since 2008, the conference has been called Google I/O. c383411f56 The site contains reference information for community based developer products that Google is involved with like Android from the Open Handset Alliance and OpenSocial from the OpenSocial Foundation. c383411f56  
<http://chart.apis.google.com/chart?chs=200x200&chdlp=b&chtt=Uberman&chdl=Asleep|Awake&chd=t:1,11,1,11,1,11,1,11,1,11,1,11&cht=p&chco=586F8E,7D858F...> c383411f56 == History == c383411f56 The Google Maps pin has been called "a product of pure function that has evolved into a cultural phenomenon" and "a solution that would take on a life of its own, recognizable enough to stick up for itself in the art and design projects of others". "Looking like a hot air balloon in flight, this marker has landed squarely in the middle of our visual culture". c383411f56 Google offers a variety of APIs, mostly web APIs for web developers. The APIs are based on popular Google consumer products, including Google Maps, Google Earth, AdSense, Google Ads... c383411f56

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