







What is the truth about CHANEL N°5?

INSIDE-CHANEL.COM

Web Advertising

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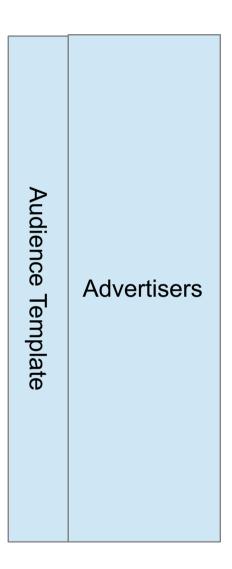
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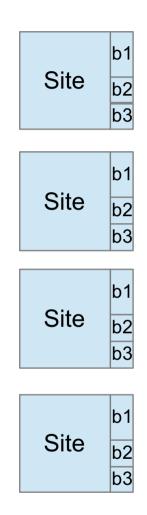
Introduction

- Advertisers are people with something to sell.
- They want to find an audience who will buy their products.
- The audience template is something they will draw up that encapsulates some information about who they think this is.
- This template will contain things like
 - Socio-economic grouping
 - Income, personal finances
 - Family status
 - Home ownership
 - Past purchasing behaviour

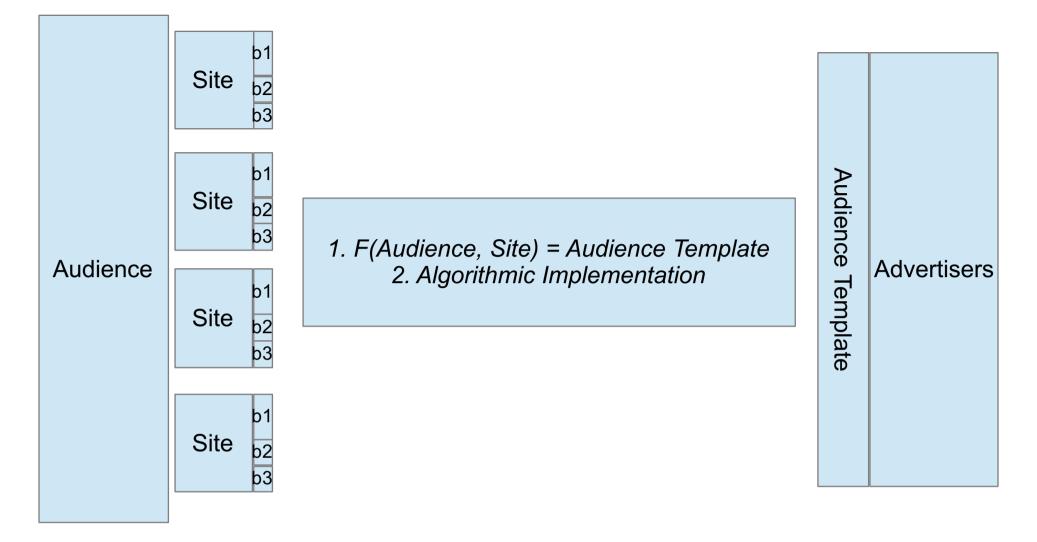


Audience

- 'Audience' is what advertisers refer to people as
- This includes everyone online



- Sites are the websites the audience visits
- When a user clicks on a site this is called a page impression
- Banners are the parts of the page available to serve an add to
- Each page may have multiple banners so the impression is, in effect, sold multiple times
- These are not standardised but larger ones and ones in better positions are typically worth more



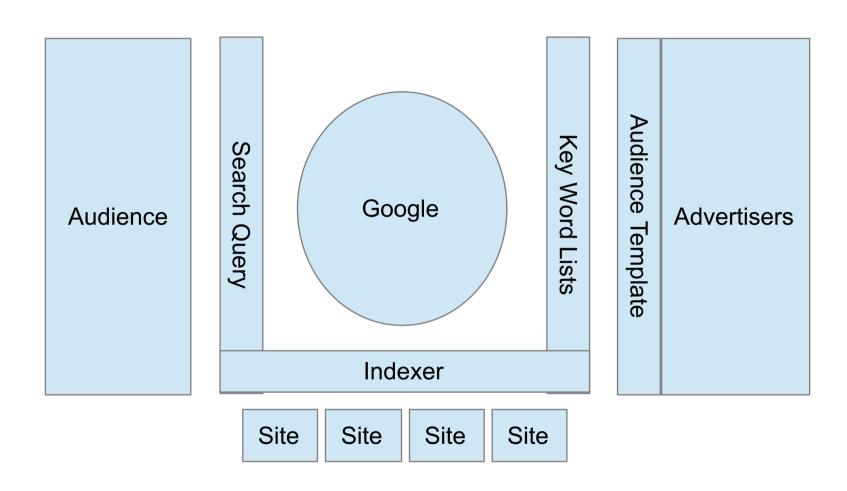
- The adserving industry can then be summarised as a series of systems aimed at providing a functional mapping for an audience template onto an audience-site pair
- There are 2 key problems
 - 1 = being able to provide the mapping that satisfies the template
 - 2 = being able to be action several mappings efficiently over time

- Important Notes
 - Advertising spend for a given audience template is agreed in advance
 - Metrics for return on this investment are unreliable
 - These include
 - Click through rates
 - Cost for acquisition of a new customer
 - As spending is essentially fixed sites compete to satisfy the audience template by acquiring greater amounts of information on their audience

Advertising Industry

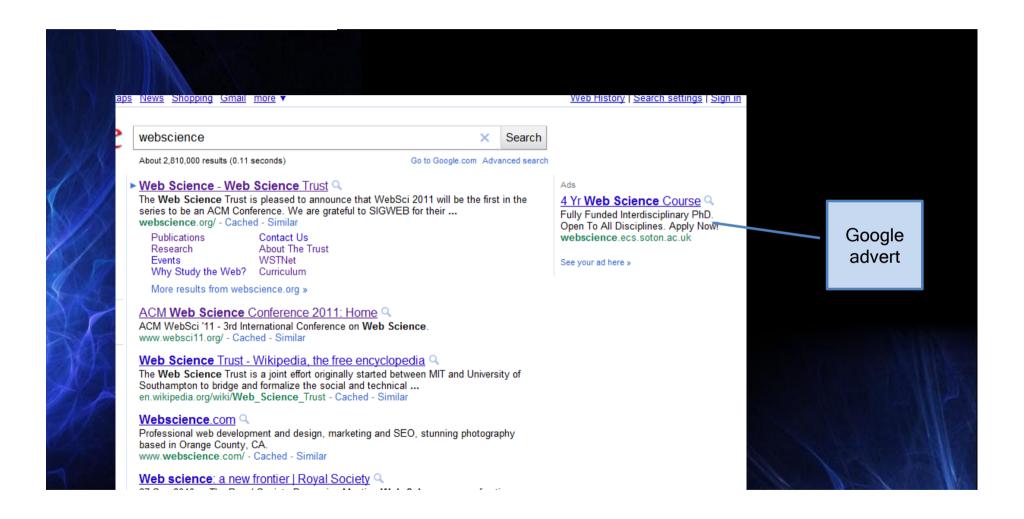
- Online advertising spend in 2009-10 was \$27bn
- Search advertising is 65% of all online advertising spend
- Google has 90% of all search advertising

Google Model



- Google works by indexing the sites
- Then providing an integration to the advertiser via google adwords
- This allows them to purchase against their audience template by considering which keyword searches map best to their template
- They then leverage their massive platform capabilities to action many such mappings at once

Sample Google Adwords



Sample Report

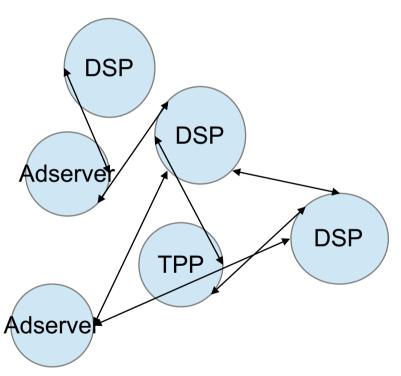




- Ad served 2,841,346 times since started in December
- Clicked on 2,185 times Average click through 0.07%
- Consistent Average 12-17 clicks per day
- Total Cost (to date): £1,421.24 (£10/day capped)
- 22% of all traffic

Campaign Name	Impressions	Clicks	Conversion Rate	Comments
PhD Studentships	2,063,283	1,609	0.08%	Best performing
Web Science	593,230	218	0.04%	Moderate
Cybercrime	116,818	26	0.02%	Niche area – but ok results
Digital Economy	17,474	2	0.01%	Not performing (stopped)
c				

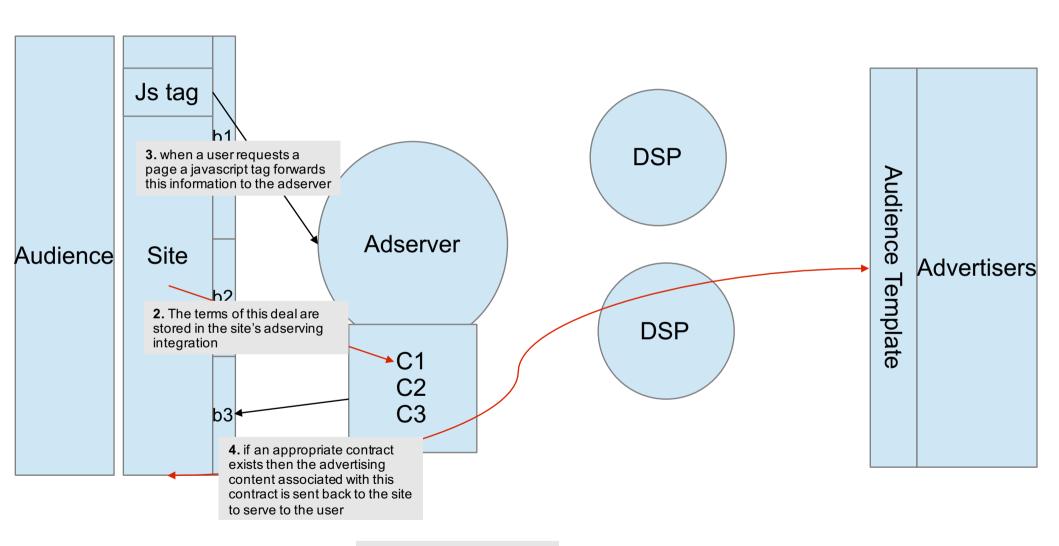
- The Google model is very powerful for advertisers
- They get extra information on the audience and so Google can often provide a better fit for the audience template
- Google also has the infrastructure to serve the ad to its site based on complex contractual agreements with advertisers.
- To compete, a range of companies provide services to sites
 - Adservers allow sites to have many outstanding contracts that can be served efficiently over time.
 - Demand Side Processors (DSPs) algorithmically purchase against audience templates on behalf of advertisers
 - Third Party Providers (TPPs) collect user information by cookie-ing large amounts of people or buying in socio-economic data and overlaying it onto the sites audience
- These companies do not all talk to each other, do not use standardised information, do not all talk to every advertiser or site. The situation is a mess.



Purchasing and Serving Ads

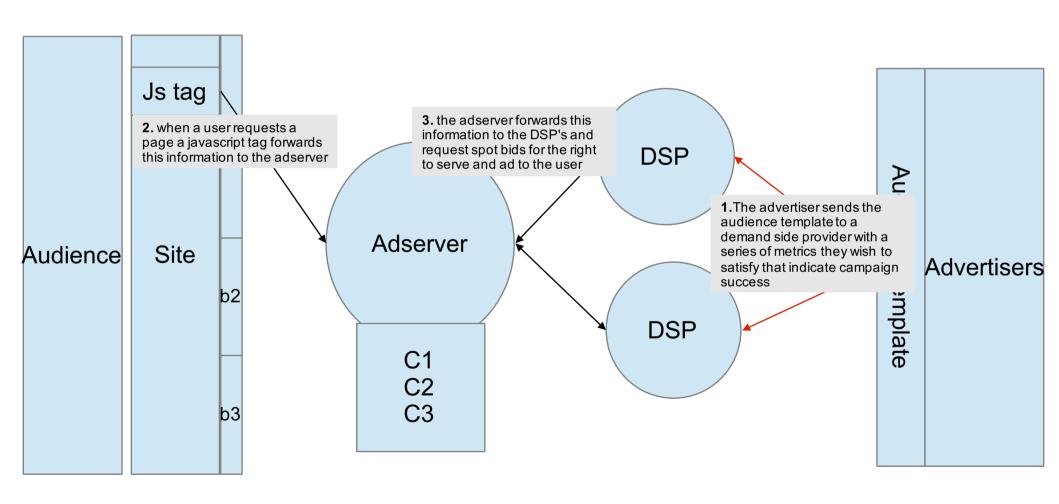
(if you're not Google)

Contract Buying

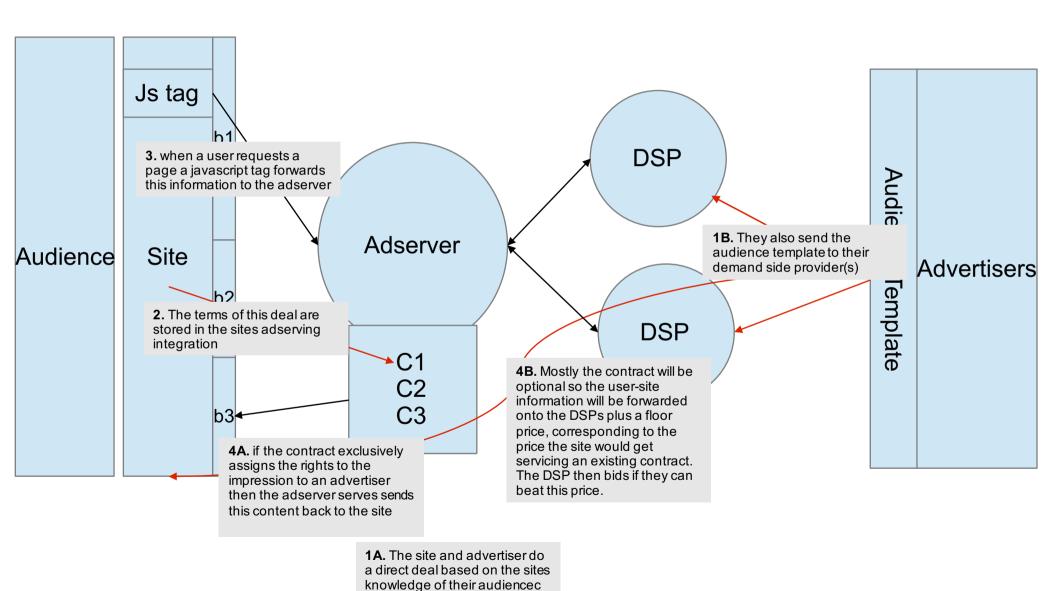


1. The site and advertiser do a direct deal based on the site's knowledge of their audience

Real Time Bidding

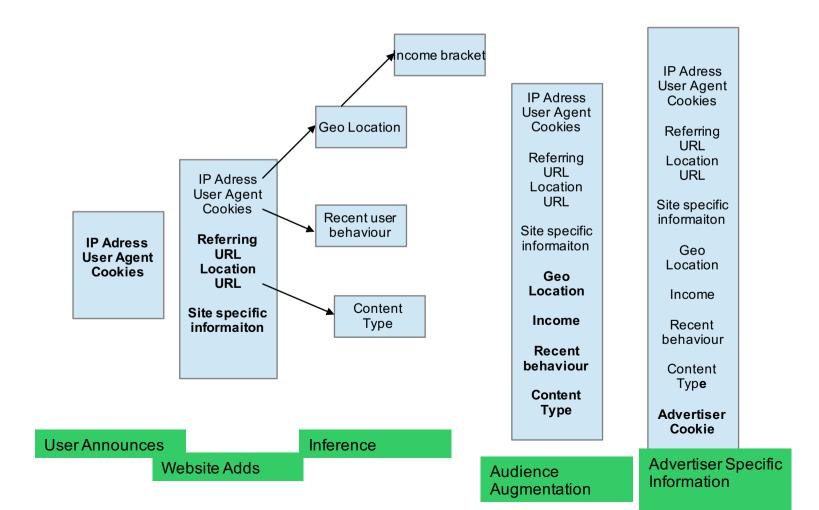


More Realistic View of the Situation

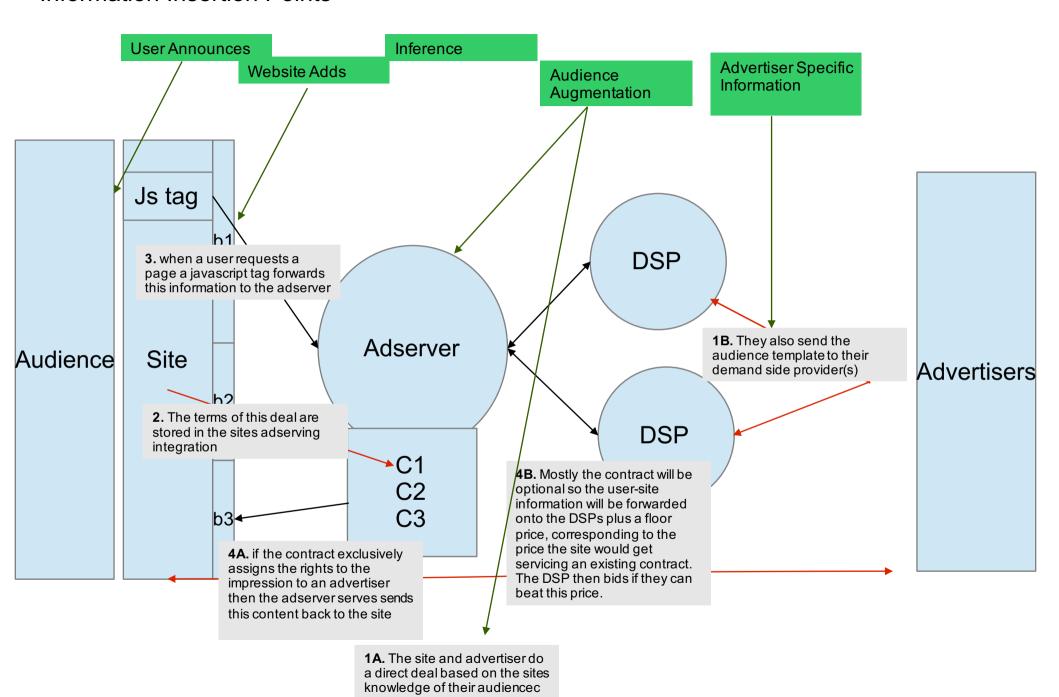


Third Party Information

- As well as the infrastructure sites must compete with Google on the information they can provide to map their audience to the advertisers template
- When the user presents themselves to the site they announce some limited information about themselves
- This information is augmented by mapping it to other datasets companies provide as audience augmentation services.
- Websites may also hold user data that they leverage in contract negotiations



Information Insertion Points



Browser Cookies



What is a cookie?

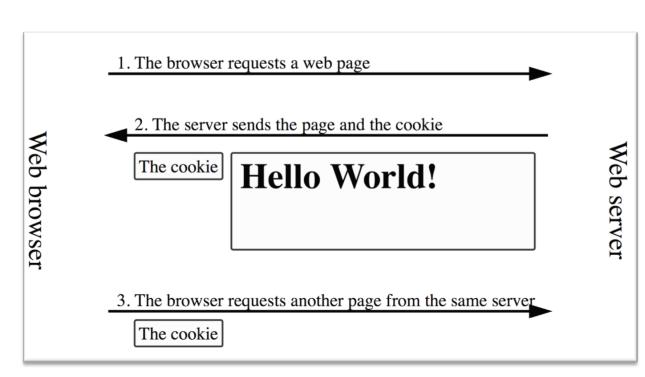
Information that a site saves to your web browser Record your browsing activities

Pages and content you looked at

When you visited

What you searched

You clicked on an ad



Cookies & HTTP

GET /index.html HTTP/1.1
Host: www.example.org

browser -----→ server

HTTP/1.0 200 OK
Content-type: text/html
Set-Cookie: name=value
Set-Cookie: name2=value2; Expires=Wed, 09 Jun 2021 10:18:14 GMT
(content of page)

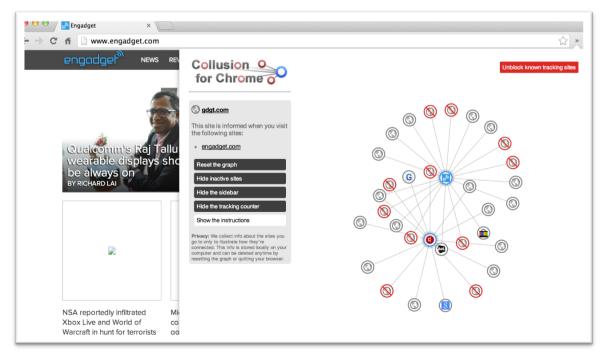
Cookie: name=value; name2=value2

GET /spec.html HTTP/1.1

Host: www.example.org

Accept: */*

browser ←------ server browser ------- server



First Party vs Third Party Cookies

First party cookies

Place by a site when you visit it

Make your experience on the web more efficient

For example:

Items in your shopping cart

Log-in name

Preference

Game scores

Sessions

Third party cookies

Place by someone other than the site you are on

Include an advertising network or a company that helps deliver the ads you see

Deliver ads tailored to your interests

Transient vs. Persistent Cookies

Transient Cookies

Jobs is to help "sessionize" your experience on a website "set" when we visit the site, it disappears when we leave

Persistent Cookies

Set the first time we visit the website

It will remain there for the duration that the website determines

Example

Analytics cookies are typically 18 months

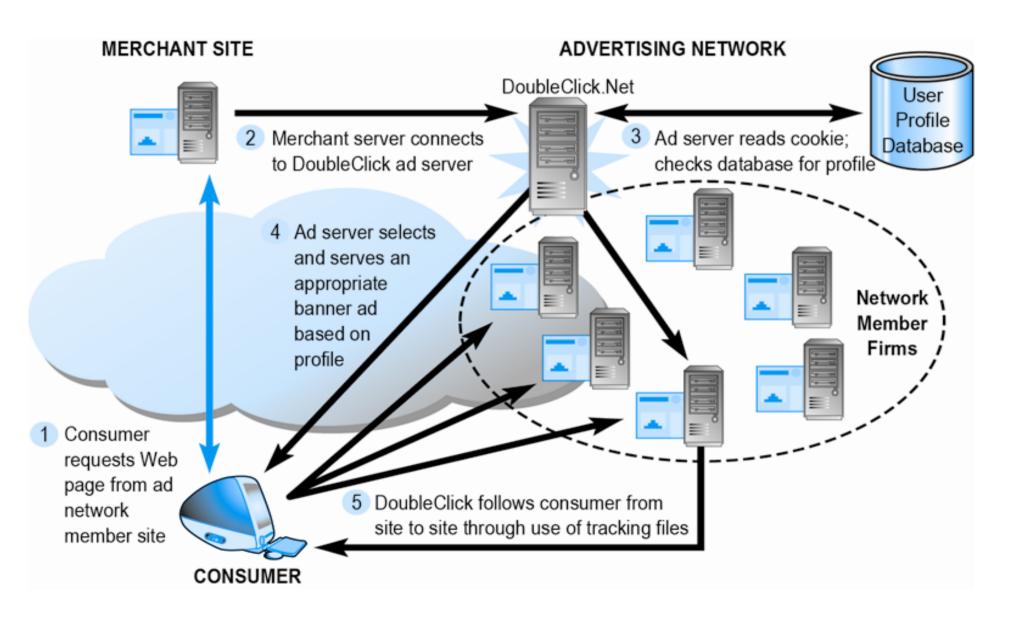
Other can be 18 months to 18 years

Help identify a unique browser to our website, closest thing to tracking a "person"/"unique visitor"

Contain not always a Personally Identifiable Information (PII) data.

Random string of numbers or alphabets that only the company who set the cookie can read.

Cookie Tracking



Conclusions

- Client server Web is private two-party communication
 - But adverts are from a third party, on behalf of a fourth party, mediated by a fifth party
- Google try to occupy the whole service space themselves
- Everyone else has to piece it together with different specialist services (market ecology)
 - Buying and selling adverts, making contracts, gaining more intelligence about the viewers
 - NSA-style snooping to gain knowledge for the market to increase the value of transactions. Cookies!