Chief Editor
Dr. A. Singaraj, M.A., M.Phil., Ph.D.
Editor
Mrs. M. Josephin Immaculate Ruba

Editorial Advisors
1. Dr. Yi-Lin Yu, Ph. D
   Associate Professor,
   Department of Advertising & Public Relations,
   Fu Jen Catholic University,
   Taipei, Taiwan.
2. Dr. G. Badri Narayanan, PhD,
   Research Economist,
   Center for Global Trade Analysis,
   Purdue University,
   West Lafayette,
   Indiana, USA.
3. Dr. Gajendra Naidu, J., M.Com, I.L.M., M.B.A., PhD. MHRM
   Professor & Head,
   Faculty of Finance, Botho University,
   Gaborone Campus, Botho Education Park,
   Gaborone, Gaborone, Botswana.
4. Dr. Ahmed Sebibi,
   Associate Professor
   Islamic Culture and Social Sciences (ICSS),
   Department of General Education (DGE),
   Gulf Medical University (GMU), UAE.
5. Dr. Pradeep Kumar Choudhury,
   Assistant Professor,
   Institute for Studies in Industrial Development,
   An ICSSR Research Institute,
   New Delhi- 110070, India.
6. Dr. Sumita Bharat Goyal
   Assistant Professor,
   Department of Commerce,
   Central University of Rajasthan,
   Bandar Sindri, Dist-Ajmer,
   Rajasthan, India.
7. Dr. C. Muniyandi, M.Sc, M. Phil., Ph. D,
   Assistant Professor,
   Department of Econometrics,
   School of Economics,
   Madurai Kamaraj University,
   Madurai-625021, Tamil Nadu, India.
8. Dr. B. Ravi Kumar,
   Assistant Professor
   Department of GBEH,
   Sree Vidyanikethan Engineering College,
   A.Rangampet, Tirupati,
   Andhra Pradesh, India.
9. Dr. Gyanendra Awasthi, M.Sc., Ph.D., NET
   Associate Professor & HOD
   Department of Biochemistry,
   Dolphin (PG) Institute of Biomedical & Natural Sciences,
   Dehradun, Uttarakhand, India.
10. Dr. D.K. Awasthi, M.Sc., Ph.D.
    Associate Professor
    Department of Chemistry, Sri J.N.P.G. College,
    Charbagh, Lucknow,
    Uttar Pradesh, India.

ISSN (Online) : 2455 - 3662
SJIF Impact Factor : 3.395 (Morocco)

EPRA International Journal of
Multidisciplinary Research
Volume: 2  Issue: 5  May 2016

Published By :
EPRA Journals

CC License
[Image]
COMPARISON AMONG WEB BROWSER

Deepak Garg

1Department of Computer Science, Punjabi University, Patiala, Punjab, India

ABSTRACT
A web browser is the device to get information from the World Wide Web. In order to obtain the most out of the Web, it is significant to appreciate the variety of features of a browser. A Web Browser is a software used to view the websites and data contained in them. Familiar Web Browsers consist of Microsoft Internet Explorer, Google Chrome, Mozilla Firefox, safari, UC Browser, Opera and many more. A Software Browsers system undergoes many changes and also the version is updated regularly. Browsers may not be in use if it is not distorted rapidly according to changing consumer requirements. Present complexities have brought protection vulnerabilities, which in turn concerned malware authors and criminals to utilize the vulnerabilities and co operate purchaser systems. An up-to-date browser helps protector beside safety threats like phishing and malware. Dissimilar computer users utilize different web browsers. The conflict among the most well-liked browsers is continuously developing. This is why we have done a contrast between the three most well-liked browsers on the basis of some factors. Those factors are ACID3 TEST, HOW MANY OPTIONS IN EACH BROWSER FOR BETTER PERFORMING, CUSTOMIZATION AND ADD-ONS, COMPATIBILITY, MEMORY USAGE ACCORDING TO LATEST APPLICATION OF EACH WEB BROWSER. We are going to compare the most well like web browser on the basis of these five factors.

KEYWORDS: Web Browser, Acid Test, Options for better performing, Customization, Add-ons, Latest Applications, Maintenance.

WEB BROWSER
What actually web browser is? A web browser is the device to get information from the World Wide Web. In order to obtain the most out of the Web, it is significant to appreciate the variety of features of a browser. A Web Browser is a function used to contact and vision of websites.

The major web browser which are going to compare: INTERNET EXPLORE, opera and Safari.

We are going to compare the most well like web browser on the basis of these five factors. Those factors are ACID3 TEST, HOW MANY OPTIONS IN EACH BROWSER FOR BETTER PERFORMING, CUSTOMIZATION AND ADD-ONS, COMPATIBILITY, MEMORY USAGE ACCORDING TO LATEST APPLICATION OF EACH WEB BROWSER.

1. ACID3 TEST: Acid3 test help browsers ensure the proper support for web standards in their products.

Since the release of Internet Explorer 10 in 2012, the latest versions of all major desktop browsers, including Internet Explorer, Opera, and Safari, score 100/100 and render the test correctly.
As of March 2015 the most commonly used browser that does not score 100/100 on Acid3, according to Stat Counter, is Internet Explorer 8 with about 3% usage share.

**Internet explorer:**

![Acid3 100/100](image)

2. **HOW MANY OPTIONS IN EACH BROWSER FOR BETTER PERFORMING:**

On comparing three of web browsers on the basis of options in each browser for better performing.

**Internet Explorer:** IE has default windows web options.

**Safari:** It has not any option menu.

**Opera:** It has not so many options for its better performing.
Customization and Add Ons:
Internet Explorer: In IE, there is not much to customize and there is no add ons manager.

Safari: Does not have many option
Opera: It does not have extension option in browser.

3. Compatibility:-

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Internet Explorer</td>
<td>Windows only</td>
</tr>
<tr>
<td>Safari</td>
<td>MAC only</td>
</tr>
<tr>
<td>OPERA</td>
<td>Windows</td>
</tr>
<tr>
<td></td>
<td>MAC</td>
</tr>
</tbody>
</table>
4. Latest Application By each Browser:
   UCB:

   ![UCB Browser](image)

   It uses blink layout engine.
   Latest version is: 37.0.2178.43 (Released on May 9, 2016)

   Safari: A Windows version, now discontinued it was available from 2007-2012 this is Safari 5.1.7

   ![Safari Browser](image)

   Internet Explorer: No such application developed by IE.

   Memory Usage:
From the above fig. we can conclude that Opera uses 18MB of total memory space.

**CONCLUSION**

On comparison of 3 web browsers at the basis of ACID3 TEST, HOW MANY OPTIONS IN EACH BROWSER FOR BETTER PERFORMING, CUSTOMIZATION AND ADD-ONS, COMPATIBILITY, MEMORY USAGE ACCORDING TO LATEST APPLICATION OF EACH WEB BROWSER factors. I concluded that Internet Explorer is best web browser among Safari and Opera.

**REFERENCES**

2. https://nightly.mozilla.org/