

{tag}

{/tag}

International Journal of Computer Applications
© 2014 by IJCA Journal

Volume 89 - Number 20

Year of Publication: 2014

Authors:

Akriti Mehta

Deepak Sharma

10.5120/15749-4674

{bibtex}pxc3894674.bib{/bibtex}

Abstract

CAPTCHA is now a technology which is used all over the internet to protect websites from program bots. One of the major issues which CAPTCHA provides a solution to is, stopping spammers for creating unlimited accounts and sending emails to millions of people spam mails. In this paper, we are proposing our algorithm for solving the Google CAPTCHA. Being able to solve the Google CAPTCHA using a program would mean that there are some security issues which need to be considered at the earliest and this would assist us develop a better CAPTCHA.

Refer

ences

- Kurt Alfred Kluever. Evaluating the Usability and Security of a Video CAPTCHA. Master's thesis, Rochester Institute of Technology, Rochester, NY, August 2008
- G. W. Hart. To Decode Short Cryptograms. Communications of the ACM 37, 9 (1994), 102–108
- K Chellapilla, K Larson, P Simard and M Czerwinski, "Computers beat humans at single character recognition in reading-based Human Interaction Proofs", 2nd Conference

on Email and Anti-Spam (CEAS), 2005

- Ahmed S. El Ahmad, Jeff Yan and Mohamad Tayara, Robustness of Google CAPTCHAs, Newcastle, 2011
- Ahmed S. El Ahmad and Jeff Yan, A low-cost attack on a Microsoft CAPTCHA, Proc. Of 15th ACM Conference on Computer and Communications Security, 2008
- Chandavale A. Anjali, Sapkal A. , and Jalnekar R. , Algorithm to break visual CAPTCHA, 2009, ICETET Proceedings of the 2009 Second International Conference on Emerging Trends in Engineering and Technology, 258-262
- Ahmed S El Ahmad and Jeff Yan, 2009, "CAPTCHA security: A case study", IEEE Security and Privacy
- Kun Fang, Zhan Bu and Zhen Y. Xia, A projection-based segmentation algorithm for breaking MSN and YAHOO CAPTCHAs, Artificial Intelligence and Computational Intelligence, 2012 Lecture Notes in Computer Science, 7530, 735-743

Index Terms

Computer Science

Artificial Intelligence

Keywords

CAPTCHA Google Completely Automated Public Turing test to tell Computers and Humans Apart