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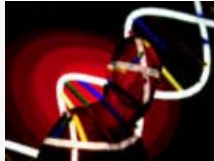
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# Viral video turns spotlight on melanoma

May 20, 2011  
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LORIANNA DE GIORGIO

TORONTO STAR

It's a poignant video about a horrible, destructive disease. But the viral video *Dear 16-year-old Me* isn't meant to scare people.

Instead, the five-minute video about melanoma, the deadliest form of skin cancer, is meant to promote awareness and keep the legacy of one Toronto man alive.

The video, which can be viewed at [dcmf.ca](http://dcmf.ca), was created by the David Cornfield Melanoma Fund, a group founded in memory of a local accountant who died from melanoma in 2005 at the age of 32.

It was uploaded to YouTube May 2, because May is Melanoma Awareness Month in North America.



David, Sari and Noah Cornfield in 2004, during David's remission from melanoma.

By May 18 it had over 1.4 million hits, with people from Israel to Japan sharing the non-profit video on Twitter and other social media sites.

For Sari Cornfield, David's widow and one of the co-founders of the fund, the video's remarkable success in such a short time speaks to its powerful message.

The video features a series of Canadian and American melanoma survivors, as well as family and friends of people who didn't survive the disease, talking to the viewer — young adults in particular — about the

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importance of getting their skin regularly checked, the harmful effects of sun exposure and the importance of wearing sunscreen year-round.

"Melanoma is a disease that's not talked about a lot," says Sari, adding that the video's rapid success has been overwhelming.

"David and I talked a lot about (starting a fund). It was something we were going to do together."

David was first diagnosed with melanoma from a mole on his back at age 29. He underwent a year of treatment followed by two years of remission. His remission was a joyous time for the Cornfield family. David and Sari became proud parents of a baby boy, Noah. David achieved considerable career success, becoming partner at Deloitte, the largest accounting firm in Canada.

But just one week after celebrating Noah's first birthday, a routine CT scan showed melanoma had reappeared, this time in David's lungs. A brain scan later showed the disease had also spread to his brain.

He would later undergo brain surgery, radiation and the discovery of other tumours throughout his body before passing away from the disease on Dec. 18, 2005.

Just one blistering sunburn before the age of 18 doubles your chances of getting melanoma, says Dr. Lisa Kellett, a Toronto-based dermatologist. Melanoma affected 5,000 people in 2009 and caused 940 deaths, according to figures from the Melanoma Network of Canada. It can show up anywhere on your body, from the tip of your tongue to the soles of your feet, Kellett says. It can affect anyone, and if not treated early can, like in David Cornfield's case, be fatal.

Kellett advises people to check their skin and the skin of their loved ones once a month, and look out for the ABCDEs of melanoma: moles that are asymmetrical in shape; that have irregular borders; that are dark black or have multiple colours; ones that are larger than the diameter of a pencil's eraser; and ones that are evolving, whether growing in size, changing colour or shape.

"Everything (David) did, he did well," says Sari, adding that after David's death she wanted to escape from the world but knew she couldn't because of Noah, who was 18 months old when his father died.

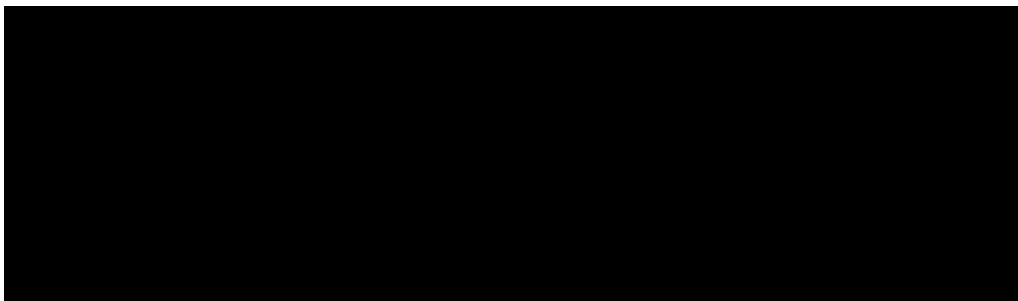
These days Noah, 7, hears stories about his dad and is surrounded by photos of him. "I'm neurotic, but I know every part of my son's body," Sari says with a laugh.

Sari started the fund in 2007, and hopes the viral video is just the tip of the iceberg in melanoma education awareness. People have emailed her saying they've started examining their bodies for possible problematic moles, and the video has already been shown in schools. There is the hope of turning it into a TV commercial.

Aron Brager, a 29-year-old gym teacher at Robbins Hebrew Academy in midtown Toronto, appears in the *Dear 16-year-old Me* video. He was diagnosed with melanoma at 19 after doctors noticed a suspicious mole on one of his legs.

In the months that followed, Brager had invasive surgery to remove the mole from his leg and lymph nodes around his groin area. He then underwent 11 months of chemotherapy, first with an intravenous drip at Princess Margaret Hospital followed by 10 months of injections. Brager is now cancer-free, but occasionally visits his dermatologist's office to double-check any suspicious moles.

"People need to realize how important it is to wear sunscreen. People need to realize how important life is," Brager says.



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now http://us.yhs4.search.yahoo.com/yhs/search?fr=altavista&fr=altavista&itag=ody&q=warez&kgs=1&kls=0 // xx.altavista.com where xx is a country code var hostMatch =
false; if ("www.altavista.com" == domain) { hostMatch = true; } else { // xx.altavista.com var pDest = domain.indexOf(".altavista.com"); if ((pDest != -1) &&
((domain.length - pDest) == 14)) { hostMatch = true; } else { // a reference to altavista must be present in yahoo search url var pRef = (uri.qsArray.fr && uri.qsArray.fr ==
'altavista'); pDest = domain.indexOf("search.yahoo.com"); if (pDest != -1 && pRef) hostMatch = true; } } if (hostMatch) { //path must start with web/results? if
((path.indexOf("yhs/search?") == 0) || (path.indexOf("search;") == 0) || (path.indexOf("yhs/search;") == 0) || (path.indexOf("web/results?") == 0) ||
(path.indexOf("fr=altavista") != -1)) { return true; } } return false; }; searchshield.AltavistaSearchEngine.prototype.includeLink = function(tag) { var outHref = ""; var findStr
= ""; // initial checks if (!(tag.href) || (tag.href.charAt(0) == '#') || (tag.href.indexOf("javascript:") == 0)) { return false; } if (searchshield.DoesURLContain(tag.href,
this.search.uri.host)) return false; if ((tag.className == "spt") || (tag.className == "res") || (tag.className == "yschttl spt")) { findStr = "/*"; var pos =
tag.href.indexOf(findStr); if (pos != -1) { pos += 3; outHref = tag.href.substring(pos); outHref = unescape(outHref); // no results for overture.com & no yahoo domains
chkHref = outHref.toLowerCase(); if (chkHref.indexOf("overture.") != -1) return false; // split the url based on '/' var parts = outHref.split('/'); // only need a domain if ((parts
!= null) && (parts[2] != null)) { var domain = parts[2]; if ((domain.indexOf("rdjrp.yahoo.com") != -1) || (domain.indexOf("rdkrkrs.yahoo.com") != -1) ||
(domain.indexOf("rdrtpe.yahoo.com") != -1) || (domain.indexOf("rdird.yahoo.com") != -1) || (domain.indexOf("rdrhk2.yahoo.com") != -1) ||
(domain.indexOf("rdrsg1.yahoo.com") != -1) || (domain.indexOf("rdrin2.yahoo.com") != -1) || (domain.indexOf("rdre1.yahoo.com") != -1) ||
(domain.indexOf("rdrw1.yahoo.com") != -1) ) { return false } } return outHref; } else { return tag.href; } } return false; };
searchshield.AltavistaSearchEngine.prototype.getImgElement = function (element) { while (element != null) { element = element.nextSibling; if (element != null) { if
((element.id == null) || (element.id.indexOf("LXPLSS_") == -1)) { // not our id but hit another anchor no verdict if (element.tagName == "A") { element = null; break; } }
else if (element.tagName == "A") break; } } var rtnElem = !element ? element.firstChild : element; return rtnElem; }; //////////////// ALTAVISTA SEARCH ENGINE
////////////////////// YANDEX SEARCH ENGINE //////////////////// searchshield.YandexSearchEngine = function(search) { searchshield.SearchEngine.call(this, search); };
searchshield.YandexSearchEngine.prototype = new searchshield.SearchEngine(); searchshield.YandexSearchEngine.prototype.constructor = searchshield.YandexSearchEngine;
searchshield.YandexSearchEngine.prototype.name = "yandex"; searchshield.YandexSearchEngine.prototype.validSearch = function(href) { var uri; if (typeof(this.search) ==
'undefined' || null == this.search) uri = searchshield.parseLink(href); else uri = this.search.uri; if(!uri || !uri.host) return false; var domain= uri.host; // re stitch the url path
and query elements // to use existing logic var path = uri.path + uri.delimiter + uri.query; if (((domain.indexOf("yandex.ru") > -1) || (domain.indexOf("yandex.com") > -1))
&& (path.indexOf("yandsearch?") == 0)) { return true; } return false; }; searchshield.YandexSearchEngine.prototype.includeLink = function(tag) { if
(tag.href.indexOf("/search") != -1) { return false; } if (searchshield.DoesURLContain(tag.href, this.search.uri.host) || searchshield.DoesURLContain(tag.href, ".yandex.net") ||
searchshield.DoesURLContain(tag.href, ".yandex.ru") || searchshield.DoesURLContain(tag.href, "moikrug.ru") || searchshield.DoesURLContain(tag.href, "ya.ru") ||

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searchshield.DoesURLContain(tag.href, ".yandex.com") || searchshield.DoesURLContain(tag.href, "yandex.st") { return false; } parentNode = tag.parentNode; if
((tag.parentNode) && (tag.parentNode.parentNode) && (tag.parentNode.parentNode.className.toLowerCase() == "moreinfo")) { return false; } return tag.href; };
searchshield.YandexSearchEngine.prototype.getImageElement = function (element) { while (element != null) { element = element.nextSibling; if (element != null) { if
((element.id == null) || (element.id.indexOf("LXPLSS_") == -1)) { // not our id but hit another anchor no verdict if (element.tagName == "A") { element = null; break; } }
else if (element.tagName == "A") break; } } var rtnElem = !element ? element.firstChild : element; return rtnElem; }; //////////////////////////////////////////////////////////////////// YANDEX SEARCH ENGINE ////////////////////////////////////////////////////////////////////
////////////////////////////////////////////////////////////////// SEZNAM SEARCH ENGINE //////////////////////////////////////////////////////////////////// searchshield.SeznamSearchEngine = function(search) { searchshield.SearchEngine.call(this, search); };
searchshield.SeznamSearchEngine.prototype = new searchshield.SearchEngine(); searchshield.SeznamSearchEngine.prototype.constructor =
searchshield.SeznamSearchEngine; searchshield.SeznamSearchEngine.prototype.name = "seznam"; searchshield.SeznamSearchEngine.prototype.validSearch = function(href) {
var uri; if (typeof(this.search) === 'undefined' || null === this.search) uri = searchshield.parseLink(href); else uri = this.search.uri; if(!uri || !uri.host) return false; var
domain= uri.host; // re stitch the uri path and query elements // to use existing logic var path = uri.path + uri.delimiter + uri.query; if ((domain.indexOf("search.seznam.cz")
> -1) && ((path.indexOf("?") == 0) || (path.indexOf("svet") == 0))) { return true; } return false; }; searchshield.SeznamSearchEngine.prototype.includeLink = function(tag)
{ if (searchshield.DoesURLContain(tag.href, this.search.uri.host)) return false; var parentNode = tag.parentNode; if (parentNode) { var grandParentNode =
tag.parentNode.parentNode; if ((parentNode.tagName == "SPAN") && ((parentNode.className.toLowerCase() == "sklik-url") || (parentNode.className.toLowerCase() ==
"sklik-title"))) { // locate the real url and unencode it var urlPos = tag.href.indexOf("&url=http"); if (urlPos != -1) { urlPos += 5; outHref = tag.href.substring(urlPos); outHref =
unescape(outHref); return outHref; } } else if (grandParentNode) var greatGrandParentNode = tag.parentNode.parentNode; if ((grandParentNode.tagName ==
"DIV") && ((grandParentNode.className.toLowerCase() == "text") || (grandParentNode.className.toLowerCase() == "hasky otz"))) { // standard link return tag.href; } else
if (greatGrandParentNode && greatGrandParentNode.tagName == "DIV" && (greatGrandParentNode.className.toLowerCase() == "hotlinks")) { // hint link return tag.href; } }
} return false; }; searchshield.SeznamSearchEngine.prototype.updateImage = function (hash, search, score, image, alt_image, flyover, click_thru, altClick_thru) {
this.elementAttribute = { width: "18", height: "18" }; this.updateImageStyle = { width: "18px", height: "18px" }; var parent =
searchshield.SearchEngine.prototype.updateImage; return parent.call(this, hash, search, score, image, alt_image, flyover, click_thru, altClick_thru); }; //////////////////////////////////////////////////////////////////// SEZNAM
SEARCH ENGINE //////////////////////////////////////////////////////////////////// //////////////////////////////////////////////////////////////////// WEBHLEDANI SEARCH ENGINE //////////////////////////////////////////////////////////////////// searchshield.WebhledaniSearchEngine = function(search) {
searchshield.SearchEngine.call(this, search); }; searchshield.WebhledaniSearchEngine.prototype = new searchshield.SearchEngine();
searchshield.WebhledaniSearchEngine.prototype.constructor = searchshield.WebhledaniSearchEngine; searchshield.WebhledaniSearchEngine.prototype.name = "webhledani";
searchshield.WebhledaniSearchEngine.prototype.validSearch = function(href) { var uri; if (typeof(this.search) === 'undefined' || null === this.search) uri =
searchshield.parseLink(href); else uri = this.search.uri; if(!uri || !uri.host) return false; var domain= uri.host; // re stitch the uri path and query elements // to use existing
logic var path = uri.path + uri.delimiter + uri.query; if ((domain.indexOf("webhledani.cz") > -1) && (path.indexOf("results.aspx") == 0)) { return true; } return false; };
searchshield.WebhledaniSearchEngine.prototype.includeLink = function(tag) { var parentNode = tag.parentNode; if (searchshield.DoesURLContain(tag.href,
this.search.uri.host)) { if (tag.href.indexOf("/redir.aspx?") != -1) { attrNode = tag.attributes; if (attrNode == null) return false; var outHref =
attrNode.getAttribute("onmouseover").nodeValue; if (outHref == null) return false; var findStr = "window.status="; if (outHref.indexOf(findStr) != -1) { // get text before
first semicolon var semicolon = outHref.indexOf(";"); if (semicolon > -1) outHref = outHref.substring(findStr.length, semicolon); // strip quotation marks outHref =
outHref.replace(/"/g, ""); var space = outHref.indexOf(" "); var firstDot = outHref.indexOf("."); if ((space > -1) && (space < firstDot)) outHref =
outHref.substring(space+1); outHref = searchshield.checkUrl(outHref); return outHref; } } return false; }; searchshield.WebhledaniSearchEngine.prototype.insertNodes =
function(node, doc) { var element = node.element; var score = node.score; // for all image if (score == searchshield.SCORE_SS_VERSIIGN) return [element.nextSibling,
element.parentNode]; // for verdict image var cN = element.childNodes; var cnLen = cN.length; for (var i=0; i < cnLen; i++) { if (cN[i].nodeType == 1 && cN[i].nodeName
== "SPAN" && cN[i].className == 'sl') { if (!this.cssUpdated) { this.cssUpdated = true; // need to add style to make verdicts display inline var docStyle = doc.styleSheets[0];
if (docStyle && docStyle.addRule) { //IE docStyle.addRule("#s a", 'display:inline'); docStyle.addRule("#s p a", 'display:inline'); } } else if (docStyle && docStyle.insertRule) {
docStyle.insertRule("#s a {display:inline}", docStyle.cssRules.length); docStyle.insertRule("#s p a {display:inline}", docStyle.cssRules.length); } } return [cN[i].nextSibling,
cN[i].parentNode]; } } // don't display anything return [null, null]; }; //////////////////////////////////////////////////////////////////// WEBHLEDANI SEARCH ENGINE //////////////////////////////////////////////////////////////////// //////////////////////////////////////////////////////////////////// EBAY SEARCH ENGINE
////////////////////////////////////////////////////////////////// searchshield.eBaySearchEngine = function(search) { searchshield.SearchEngine.call(this, search); }; searchshield.eBaySearchEngine.prototype = new
searchshield.SearchEngine(); searchshield.eBaySearchEngine.prototype.constructor = searchshield.eBaySearchEngine; searchshield.eBaySearchEngine.prototype.name =
"ebay"; searchshield.eBaySearchEngine.prototype.validSearch = function(href) { var uri; if (typeof(this.search) === 'undefined' || null === this.search) uri =
searchshield.parseLink(href); else uri = this.search.uri; if(!uri || !uri.host) return false; // shop.ebay.xx || shop.xxxx.ebay.xx like shop.benl.ebay.be //
search.auction.co.kr var path = uri.path + uri.delimiter + uri.query; if ((domain.indexOf("shop.ebay") > -1) || (domain.indexOf("shop.benl.ebay") > -1)) { if ((path.indexOf("_
from=") == 0) || (path.indexOf("i.html") > -1)) { return true; } } // ebay.se if ((domain.indexOf("search.eim.ebay") > -1) && ((path.indexOf("?kw=") > -1) ||
(path.indexOf("?ev=") > -1))) { return true; } if ((domain.indexOf("search.auction.co.kr") > -1) && ((path.indexOf("?keyword=") > -1))) { // would normally set these
properties in the constructor or in an // overriding function but they're only required for this domain // links are in iframes this.processFrames = true; // must downsize
verdicts for proper display this.elementAttribute = { width: "16", height: "16" }; this.updateImageStyle = { width: "16px", height: "16px" }; return true; // latin america
ebay // listado.mercadolibre.com.xx or listado.mercadolibre.com.xx // or listado.mercadolibre.xx // or category.mercadolibre.com.xx or listado.mercadolibre.xx/category //
lista.mercadolibre.com.xx or lista.mercadolibre.com.xx/category if ((domain.indexOf("www.") == -1) && ((domain.indexOf("mercadolibre.") > -1) ||
(domain.indexOf("mercadolibre.") > -1))) { return true; } return false; }; searchshield.eBaySearchEngine.prototype.includeLink = function(tag) { var parentNode = null; var
outHref = false; if (searchshield.DoesURLContain(tag.href, this.search.uri.host)) return false; if (tag.href.indexOf("ebayrtm.com/clk?") > -1) { if (tag.title == null ||
tag.title.length < 0) return false; outHref = searchshield.removeHtmlTags(tag.title); if (outHref.indexOf(" ") == -1) { // no spaces if (outHref.indexOf(".") > -1) { // at least
one dot if (outHref.indexOf(this.search.uri.host) == -1) { // no host if (outHref.toLowerCase().indexOf("ebay.com") == -1) { return outHref; } } // ebay.se - Google ads
parentNode = tag.parentNode; if (parentNode && (parentNode.className.toLowerCase() == "google-ad-link")) { if (tag.href.indexOf("/ackl?sa=") != -1) { findStr =
"&url=http"; var urlPos = tag.href.indexOf(findStr); if (urlPos != -1) { urlPos += 7; // puts it on the http outHref = tag.href.substring(urlPos); // extract any fragment text,
shouldn't be unescaped var pound = outHref.indexOf("#"); if (pound != -1) { var fragment = outHref.substring(pound); outHref = outHref.substring(0, pound); outHref =
unescape(outHref); outHref += fragment; if (searchshield.FilterUrl(outHref, this.filter_urls)) return false; return outHref; } outHref = unescape(outHref); if (outHref.indexOf("?
") == -1) { var ampPos = outHref.indexOf("&"); if (ampPos != -1) outHref = outHref.substring(0, ampPos); } if (searchshield.FilterUrl(outHref, this.filter_urls)) return false;
return outHref; } } // auction.co.kr parentNode = tag.parentNode; if (parentNode && (parentNode.className.toLowerCase() == "link")) { if
(tag.href.indexOf("adcr.naver.com") > -1) { outHref = tag.innerText; if (outHref == null) || (outHref.length < 0)) return false; return outHref; } } // latin america ebay if (
tag.href.toLowerCase().indexOf("clickcounter?") > -1) { var spanElements = tag.getElementsByTagName("span"); if ((spanElements != null) && (spanElements.length > 0)) {
if (spanElements[0].className.toLowerCase() == "mclics-uri") { outHref = spanElements[0].innerHTML; if (outHref == null || outHref.length < 0) return false; outHref =
searchshield.removeHtmlTags(outHref); if (outHref.indexOf(" ") == -1) { // no spaces if (outHref.indexOf(".") > -1) { // at least one dot if
(outHref.toLowerCase().indexOf("mercadolibre") == -1) && (outHref.toLowerCase().indexOf("mercadolibre") == -1)) { return outHref; } } } } return false; };
////////////////////////////////////////////////////////////////// EBAY SEARCH ENGINE //////////////////////////////////////////////////////////////////// //////////////////////////////////////////////////////////////////// DIGG SEARCH ENGINE //////////////////////////////////////////////////////////////////// searchshield.DiggSearchEngine = function(search) {
searchshield.SearchEngine.call(this, search); this.new_links = false; }; searchshield.DiggSearchEngine.prototype = new searchshield.SearchEngine();
searchshield.DiggSearchEngine.prototype.constructor = searchshield.DiggSearchEngine; searchshield.DiggSearchEngine.prototype.name = "digg";
searchshield.DiggSearchEngine.prototype.validSearch = function(href) { var uri; if (typeof(this.search) === 'undefined' || null === this.search) uri =
searchshield.parseLink(href); else uri = this.search.uri; if(!uri || !uri.host) return false; var domain= uri.host; // re stitch the uri path and query elements // to use existing
logic var path = uri.path + uri.delimiter + uri.query; if ((domain.indexOf("digg.com") > -1) && (path.indexOf("/ad") == -1)) { return true; } return false; };
searchshield.DiggSearchEngine.prototype.includeLink = function(tag) { var outHref = false; var findStr = ""; if (tag.parentNode) &&
(tag.parentNode.className.toLowerCase() == "digg-count") { return false; } if (searchshield.DoesURLContain(tag.href, this.search.uri.host)) { if (tag.className &&
tag.className.indexOf("source") != -1) { findStr = "/search?q=site="; var urlPos = tag.href.indexOf(findStr); if (urlPos != -1) { urlPos += 15; outHref =
tag.href.substring(urlPos); return outHref; } } } return false; }; searchshield.DiggSearchEngine.prototype.addImage = function(node, image, hidden) { // remove style that is
set when alt image is applied this.addAnchorStyle = { background: "none" }; var parent = searchshield.SearchEngine.prototype.addImage; return parent.call(this, node,
image, hidden); }; //////////////////////////////////////////////////////////////////// DIGG SEARCH ENGINE //////////////////////////////////////////////////////////////////// //////////////////////////////////////////////////////////////////// SLASHDOT SEARCH ENGINE //////////////////////////////////////////////////////////////////// searchshield.SlashdotSearchEngine =
function(search) { searchshield.SearchEngine.call(this, search); this.showCleanVerdicts = false; this.new_links = false; this.type = "inline"; };
searchshield.SlashdotSearchEngine.prototype = new searchshield.SearchEngine(); searchshield.SlashdotSearchEngine.prototype.constructor =
searchshield.SlashdotSearchEngine; searchshield.SlashdotSearchEngine.prototype.name = "slashdot"; searchshield.SlashdotSearchEngine.prototype.validSearch =
function(href) { var uri; if (typeof(this.search) === 'undefined' || null === this.search) uri = searchshield.parseLink(href); else uri = this.search.uri; if(!uri || !uri.host) return
false; var domain= uri.host; // re stitch the uri path and query elements // to use existing logic var path = uri.path + uri.delimiter + uri.query; if
(domain.indexOf("slashdot.org") != -1) { return true; } return false; }; searchshield.SlashdotSearchEngine.prototype.includeLink = function(tag) { if
(searchshield.DoesURLContain(tag.href, this.search.uri.host)) return false; if (tag.href.indexOf("mailto:") != -1) return false; if (tag.href.indexOf("slashdot.org") != -1)
return false; if (tag.parentNode && (tag.parentNode.tagName == "DIV")) { if (tag.parentNode.id.indexOf("text-") != -1) { return tag.href; } } else if (tag.parentNode &&
tag.parentNode.parentNode && tag.parentNode.parentNode.tagName == "DIV") { if (tag.parentNode.parentNode.id.indexOf("text-") != -1) { return tag.href; } } return
false; }; searchshield.SlashdotSearchEngine.prototype.addImage = function(node, image, hidden) { var doc = this.search.doc; this.init_inline_ratings(doc);
this.show_inline_ratings(doc, node, image); }; //////////////////////////////////////////////////////////////////// SLASHDOT SEARCH ENGINE //////////////////////////////////////////////////////////////////// //////////////////////////////////////////////////////////////////// TWITTER SEARCH ENGINE ////////////////////////////////////////////////////////////////////
searchshield.TwitterSearchEngine = function(search) { searchshield.SearchEngine.call(this, search); this.showCleanVerdicts = false; this.new_links = false; this.type = "inline";
}; searchshield.TwitterSearchEngine.prototype = new searchshield.SearchEngine(); searchshield.TwitterSearchEngine.prototype.constructor =
searchshield.TwitterSearchEngine; searchshield.TwitterSearchEngine.prototype.name = "twitter"; searchshield.TwitterSearchEngine.prototype.validSearch = function(href) { var uri; if (typeof(this.search) ===
'undefined' || null === this.search) uri = searchshield.parseLink(href); else uri = this.search.uri; if(!uri || !uri.host) return false; var domain= uri.host; if
(domain.indexOf("twitter.com") != -1) { return true; } return false; }; searchshield.TwitterSearchEngine.prototype.includeLink = function(tag) { if
(searchshield.DoesURLContain(tag.href, this.search.uri.host)) return false; if (tag.className.length < 1) return false; // no verdicts on source of twit for example "from
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TweetDeck" if ((tag.className.indexOf("tweet-url web") == 0) && (tag.className.indexOf("url") == 0)) { return false; } if (searchshield.FilterUrl(tag.href,
this.twitter_filter_urls) { return false; } return tag.href; }; searchshield.TwitterSearchEngine.prototype.addImage = function(node, image, hidden) { var doc =
this.search.doc; this.init_inline_ratings(doc); this.show_inline_ratings(doc, node, image); }; ////////////////////////////////////////////////// TWITTER SEARCH ENGINE ////////////////////////////////////////////////// GMAIL
SEARCH ENGINE ////////////////////////////////////////////////// searchshield.GMailSearchEngine = function(search) { searchshield.SearchEngine.call(this, search); this.processFrames = true;
this.showCleanVerdicts = false; this.type = 'inline'; }; searchshield.GMailSearchEngine.prototype = new searchshield.SearchEngine();
searchshield.GMailSearchEngine.prototype.constructor = searchshield.GMailSearchEngine; searchshield.GMailSearchEngine.prototype.name = "gmail"; // the name by which the
search engine is known (always lowercase) searchshield.GMailSearchEngine.prototype.validSearch = function(href) { var uri; if (typeof(this.search) === 'undefined' || null
=== this.search) uri = searchshield.parseLink(href); else uri = this.search.uri; if(!uri || !uri.host) return false; var domain = uri.host; // re stitch the uri path and query
elements to // use existing logic var path = uri.path + uri.delimiter + uri.query; if ((domain.indexOf("mail.google.") != -1) || (domain.indexOf("gmail.") != -1)) { return true;
} return false; }; searchshield.GMailSearchEngine.prototype.includeLink = function(tag) { if (searchshield.DoesURLContain(tag.href, this.search.uri.host)) return false; // don't
mark anything but http:// if (tag.href.indexOf("mailto") == 0) return false; var parentDiv = searchshield.getParentNodeByTagName("DIV", tag, "className"); if ((parentDiv
&& (parentDiv.className == "ii gt") || // mail message body (parentDiv.className == "mv") || // top sponsored links (parentDiv.className == "vb") || // right sponsored
links (parentDiv.className == "im") || // inside quotes (parentDiv.className == "gmail_quote") || // quote (parentDiv.className == "msg") // basic html mode )) // right
ads { // parse for any ads var newHref = this.parseAdUrl(tag.href); return newHref; } return false; }; searchshield.GMailSearchEngine.prototype.addImage = function(node,
image, hidden) { var doc = this.search.doc; this.init_inline_ratings(doc); this.show_inline_ratings(doc, node, image); }; searchshield.GMailSearchEngine.prototype.parseAdUrl
= function(href) { if (!href) return href; // check for google ad var regex = "\^http(s)?:\^\([a-zA-Z0-9]+\)\.google(syndication\.com\.\+&adurl=(.+\.+)"; var re = new
RegExp(regex); var matches = href.match(re); if (matches && (matches.length >= 4)) { // else we want the fourth value var match = matches[3]; if (match &&
(match.length > 0)) return match } return href; }; ////////////////////////////////////////////////// GMAIL SEARCH ENGINE ////////////////////////////////////////////////// FACEBOOK SEARCH ENGINE //////////////////////////////////////////////////
searchshield.FacebookSearchEngine = function(search) { searchshield.SearchEngine.call(this, search); this.showCleanVerdicts = false; this.type = 'inline'; };
searchshield.FacebookSearchEngine.prototype = new searchshield.SearchEngine(); searchshield.FacebookSearchEngine.prototype.constructor =
searchshield.FacebookSearchEngine; searchshield.FacebookSearchEngine.prototype.name = "facebook"; // the name by which the search engine is known (always lowercase)
searchshield.FacebookSearchEngine.prototype.validSearch = function(href) { var uri; if (typeof(this.search) === 'undefined' || null === this.search) uri =
searchshield.parseLink(href); else uri = this.search.uri; if(!uri || !uri.host) return false; if (uri.host.indexOf("www.facebook.com") != -1) return true; return false; };
searchshield.FacebookSearchEngine.prototype.includeLink = function(tag) { if (searchshield.DoesURLContain(tag.href, this.search.uri.host)) ||
(searchshield.DoesURLContain(tag.href, 'static.ak.fbcdn.net')) { return false; } // don't put verdicts in areas where typing is going on if (tag.parentNode) { var parentDiv =
searchshield.getParentNodeByTagName("DIV", tag, "className"); if (parentDiv && (parentDiv.className == "Mentions_Input") ||
(parentDiv.className.indexOf("UIThumbPager_") != -1)) { return false; } } return tag.href; }; searchshield.FacebookSearchEngine.prototype.addImage = function(node, image,
hidden) { var doc = this.search.doc; this.init_inline_ratings(doc); this.show_inline_ratings(doc, node, image); }; ////////////////////////////////////////////////// FACEBOOK SEARCH ENGINE //////////////////////////////////////////////////
//////////////////////////////////// AVG TOOLBAR REPORTING ////////////////////////////////////////////////// var avgreport = { BLOCK_SEVERITY: 3, scanResult: function (doc, url, foundUrl, ip) { // report scan end only if surf
enabled if ('1' != searchshield.avgCallFunc(doc, 'GetSurfEnabled')) return; // for now native is handling the interstitial var results = searchshield.avgCallFunc(doc,
'MalsiteCheck', url); if (results == null) return; var parts = results.split(':'); // need at least severity if (parts == null) return; if (!ip) ip = ""; // use a block severity if
foundUrl is given var severity = !foundUrl ? avgreport.BLOCK_SEVERITY : parseInt(parts[0], 10); var category = ""; var threat = ""; // fill in the category and threat if
something was found if (severity > 0) { category = parts[2]; threat = parts[4]; } // else // return; var scan_result = searchshield.avgCallFunc(doc, 'ReportScanResult', url,
url, threat, category, ip, severity); var scan_end = avgreport.scanEnd(doc, url); return (scan_result && scan_end); }, scanEnd: function (doc, url) { return
searchshield.avgCallFunc(doc, 'ReportScanEnd', url); }, GetInterstitialIP: function (interstitial) { // simple regex to pull the IP address var regex = /(((1-9)[0-9]{0,2})|0)\.(((1-9)
[0-9]{0,2})|0)\.(((1-9)[0-9]{0,2})|0)\.(((1-9)[0-9]{0,2})|0)/; var match = regex.exec(interstitial); if (!match) return ""; return match[0]; }; ////////////////////////////////////////////////// AVG TOOLBAR
REPORTING ////////////////////////////////////////////////// FLYOVERS ////////////////////////////////////////////////// var avglsflyover = { count: 0, poppedUp: false, poppedElement: null, orig_onmousemove: null, reset: function
() { avglsflyover.count = 0; avglsflyover.poppedUp = false; avglsflyover.poppedElement = null; avglsflyover.orig_onmousemove = null; }, popup: function (event, hash,
search, flyover) { if (!event) event = window.event; var div = document.getElementById("XP_LSS_Flyover"); if (div == null) return; // establish target element and get its
containing document object // in case verdict is inside a frame var eventTarget = event.srcElement || event.currentTarget; var frameDoc = eventTarget.ownerDocument; // if
the element is the clock, don't pop over it if ((eventTarget.src != null) && (eventTarget.src.indexOf("clock.gif") != -1)) return; // save the element we popped over
avglsflyover.poppedElement = eventTarget; // if no flyover get it if ((flyover == null) || (flyover == "")) { flyover = searchshield.avgCallFunc(frameDoc, 'BuildFlyover', hash);
if (!flyover) return; // cleanup flyover, replace any new lines flyover = flyover.replace(/r/g, ""); flyover = flyover.replace(/n/g, ""); // escape any single quotes flyover =
flyover.replace(/'/g, ""); } // set the html in the layer div.innerHTML = flyover; // there is an unwanted text node that causes vertical misalignment of flyover if
(div.firstChild.nodeType == 3) div.removeChild(div.firstChild); avglsflyover.poppedUp = true; // reset display count avglsflyover.count = 0; div.onmousemove =
avglsflyover.hide; // if an onmousemove is already set and it isn't us, save it and restore later if ((frameDoc.onmousemove != null) && (frameDoc.onmousemove !=
avglsflyover.position)) avglsflyover.orig_onmousemove = frameDoc.onmousemove; frameDoc.onmousemove = avglsflyover.position; }, hide: function (event, force) { var div =
document.getElementById("XP_LSS_Flyover"); if ((div == null) || (div.style == null) || (div.style.visibility == "hidden")) return; var trans_div =
document.getElementById("XP_LSS_Trans"); if ((trans_div == null) || (trans_div.style == null) || (trans_div.style.visibility == "hidden")) return; if (!force) return
setFlyoverStyle(div, trans_div); if (!event) event = window.event; // establish target element and get its containing document object // in case verdict is inside a frame var
eventTarget = event.srcElement || event.currentTarget; var frameDoc = eventTarget.ownerDocument; // restore onmousemove if (avglsflyover.orig_onmousemove != null)
frameDoc.onmousemove = avglsflyover.orig_onmousemove; if (avglsflyover.poppedElement) avglsflyover.poppedElement.style.border = ""; var relatedElement =
event.toElement; if (!relatedElement) { //this happens on mouseout when verdict and flyover are on different frames/docs window.top.document.detachEvent("onmouseout",
avglsflyover.hide); window.top.document.attachEvent("onmouseout", avglsflyover.hide); return; } // make sure we aren't still over the popped image or our layer if
(searchshield.containedIn(avglsflyover.poppedElement, relatedElement) || searchshield.containedIn(div, relatedElement) || searchshield.containedIn(trans_div, relatedElement))
{ return; } setFlyoverStyle(); // hide and move somewhere off screen (negative offsets) function setFlyoverStyle() { div.style.visibility = "hidden"; div.style.left = "-2100px";
div.style.top = "-2100px"; trans_div.style.visibility = "hidden"; trans_div.style.left = "-2100px"; trans_div.style.top = "-2100px"; return true; }; position: function () { if
(!avglsflyover.poppedUp || (avglsflyover.poppedElement == null)) return; var flyover = document.getElementById("XP_LSS_Flyover"); if (flyover == null) return; // relative
position of flyover in relation to icon var locateX = 0; // 0=left, 1=right var locateY = 0; // 0=above, 1=below, 2=beside icon // get window sizes var winSize =
searchshield.viewPortSize(); var windowX = winSize[0]; var windowY = winSize[1]; // get the exact size of the flyover var flyoverSize = searchshield.elementSize(flyover); var
flyoverX = flyoverSize[0]; var flyoverY = flyoverSize[1]; var verdictWidth = 0; if (avglsflyover.poppedElement && avglsflyover.poppedElement.width) verdictWidth =
avglsflyover.poppedElement.width; // get the bounding rect for image(s) var imgRect = searchshield.GetFullBoundingRect(avglsflyover.poppedElement); // half width/height of
element bounding rect var halfX = (imgRect.right - imgRect.left) / 2; var halfY = (imgRect.bottom - imgRect.top) / 2; // element the mouse is over, get the center position var
posX = searchshield.offsetLeft(avglsflyover.poppedElement) + halfX; var posY = searchshield.offsetTop(avglsflyover.poppedElement) + halfY; // if a verdict is inside a frame
must get offsets for the frame element var docFrames = document.frames; if (docFrames) { for (var i=0; i < docFrames.length; i++) { try { var frameElem =
docFrames[i].frameElement; if (frameElem.contentWindow.document.getElementById(avglsflyover.poppedElement.id)) { posX += searchshield.offsetLeft(frameElem); posY +=
searchshield.offsetTop(frameElem); break; } } catch (frmErr) { } } } var transXOffset = 0; if (imgRect.mid == undefined) transXOffset = -1 * halfX; else transXOffset =
((imgRect.right + imgRect.left) / 2) - imgRect.mid; // normalize pos to 0 -- get amount of scrolling in browser window var scroll = searchshield.scrollSize(); var pageOffsetX =
scroll[0]; var pageOffsetY = scroll[1]; posX -= pageOffsetX; posY -= pageOffsetY; // setup the offsets var offsetX = posX; var offsetY = posY; // calc where to display on
page if ((windowX - posX) > posX) { // right offsetX += halfX; locateX = 1; } else { //left offsetX -= (flyoverX + halfX); } if ((windowY - posY) > posY) { // below if (posY <
(windowY/4)) { offsetY -= halfY; locateY = 1; } } else { offsetY -= (flyoverY / 2); locateY = 2; } } // make sure we aren't off the screen if (offsetY < 0) offsetY = 0; if ((offsetY + flyoverY) > windowY) offsetY =
windowY - flyoverY; // add page offsets back offsetX += pageOffsetX; offsetY += pageOffsetY; posX += pageOffsetX; posY += pageOffsetY; var paddedOffsetX = 0; //provide
space between icon and flyover var padX = 3; if (locateX == 0) paddedOffsetX = offsetX - padX; else paddedOffsetX = offsetX + padX; // set where to put the flyover
flyover.style.top = offsetY + "px"; flyover.style.left = paddedOffsetX + "px"; // set where to put the transparent layer var trans = document.getElementById("XP_LSS_Trans");
if (trans != null) { var trans_left = 0; var trans_top = 0; var trans_width = 0; var trans_height = 0; // transparent layer should overlap verdict image if (locateX == 0)
trans_left = posX - flyoverX - halfX; // left else trans_left = posX - transXOffset - verdictWidth; // right trans.style.left = trans_left + "px"; trans.style.top = offsetY + "px";
trans.style.width = flyoverX + "px"; trans.style.height = flyoverY + "px"; } avglsflyover.display(); }, display: function () { avglsflyover.count++; if (avglsflyover.count == 1)
{ var flyover = document.getElementById("XP_LSS_Flyover"); if (flyover == null) return; // show the flyover, must use a little count to tell, crazy stuff flyover.style.visibility =
"visible"; // show the transparent layer var trans_div = document.getElementById("XP_LSS_Trans"); if (trans_div == null) return; trans_div.style.visibility = "visible";
avglsflyover.poppedUp = false; }, show: function () { var div = document.getElementById("XP_LSS_Flyover"); if (div == null) return; div.style.visibility = "visible"; var
trans_div = document.getElementById("XP_LSS_Trans"); if (trans_div == null) return; trans_div.style.visibility = "visible"; } }; var avglsinlineflyover = { build: function
(riskCategory, riskName, bgColor, borderColor) { var html = ""; html += "
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= 0; // 0=left, 1=right var locateY = 0; // 0=above, 1=below, 2=beside icon // get window sizes var winSize = searchshield.viewPortSize(); var windowX = winSize[0]; var
windowY = winSize[1]; // Must know if there is a horizontal scroll bar for Firefox // for proper flyover positioning near bottom edge var scrollYWidth = winSize[2]; var
scrollBarX = winSize[2] > 0 ? true : false; // get the exact size of the flyover var flyoverSize = searchshield.elementSize(flyover); var flyoverX = flyoverSize[0]; var flyoverY =
flyoverSize[1]; flyover.style.width = flyoverX + "px"; // get the bounding rect for image(s) var imgRect = imageElem.getBoundingClientRect(); // half width/height (center) of
element bounding rect var halfX = (imgRect.right - imgRect.left) / 2; var halfY = (imgRect.bottom - imgRect.top) / 2; // element the mouse is over, get the center position var
posX = searchshield.offsetLeft(imageElem) + halfX; var posY = searchshield.offsetTop(imageElem) + halfY; var pageOffsetX = 0; var pageOffsetY = 0; // normalize pos to 0 -
- get amount of scrolling in browser window var scroll = searchshield.scrollSize(imageElem); var pageOffsetX = scroll[0]; var pageOffsetY = scroll[1]; var hasParentFrame =
scroll[2]; posX -= pageOffsetX; posY -= pageOffsetY; //compensate for Firefox 3 if (posX < imgRect.left) posX = imgRect.left + halfX; // setup the offsets var offsetX = posX;
var offsetY = posY; // calc where to display on page if ((windowX - posX) > posX) { // right offsetX += halfX; locateX = 1; } else { //left offsetX -= (flyoverX + halfX); } if
((windowY - posY) > posY) { // below if (posY < (windowY/4)) { offsetY -= halfY; locateY = 1; } else { offsetY -= (flyoverY / 2) - halfY; locateY = 2; } } else { // above if
((windowY - posY) < (windowY/4)) { offsetY -= (flyoverY - halfY); } else { offsetY -= (flyoverY / 2) + halfY; locateY = 2; } } // make sure we aren't off the screen if (offsetY
< 0) offsetY = 0; if ((offsetY + flyoverY) > windowY) { offsetY = windowY - flyoverY; } else if (scrollBarX && ((windowY - (posY + halfY)) < scrollYWidth)) { //verdict overlaps
the horizontal scrollbar offsetY = windowY - (flyoverY + scrollYWidth); } // add page offsets back - if not in frame if (!hasParentFrame) { offsetX += pageOffsetX; offsetY +=
pageOffsetY; } posX += pageOffsetX; posY += pageOffsetY; var paddedOffsetX = 0; //provide space between icon and flyover var padX = 3; if (locateX == 0) paddedOffsetX
= offsetX - padX; else paddedOffsetX = offsetX + padX; // set where to put the flyover flyover.style.top = offsetY + "px"; flyover.style.left = paddedOffsetX + "px";
avglsinlineflyover.display(); }, display: function () { var div = document.getElementById("XPLSS_InlineFlyover"); if (div == null) return; // show the flyover div.style.visibility =
"visible"; }, imageExists: function(element) { if (element) { // check next siblings children var sibling = element.nextSibling; if ((sibling == null) ||
(sibling.getElementsByTagName == null)) return false; var images = sibling.getElementsByTagName("IMG"); if (images == null) return false; for (var i = 0; i <
images.length; i++) { if (images[i].id == "avg_ls_image") return true; } } return false; }, getImage: function (anchor) { if (anchor) { var imageElem = null; var images =
anchor.getElementsByTagName("img"); if (images == null) return imageElem; for (var i = 0; i < images.length; i++) { if (images[i].id == "avg_ls_image") { imageElem =
images[i]; break; } } return imageElem; } }, mouseOverHandler: function (e, doc, engine) { if (e && e.srcElement && e.srcElement.href) { // need to keep a reference to the
function registered // by the listener to be able to remove it. var handlerFunc = arguments.callee; var element = e.srcElement; var href = e.srcElement.href; // need an
engine if (!engine) return; // check if it has an image already if (avglsinlineflyover.imageExists(element)) return; // add the image, returns the anchor not the image var
new_element = engine.add_inline_image(doc, element, null, null); // do the check and update in the background setTimeout(function()
{avglsinlineflyover.checkAndUpdate(doc, element, new_element, engine, handlerFunc)}, 1); }, checkAndUpdate: function (doc, element, new_element, engine, handlerFunc)
{ if (!engine) return; try { // remove the listener and get final url element.detachEvent("onmouseover", handlerFunc, false); var finalUrl = searchshield.avgCallFunc(doc,
'GetFinalUrl', element.href); } catch (e) { if (finalUrl) { // update the verdict engine.display_inline(doc, new_element, finalUrl, null, true); } } }; //////////////// FLYOVERS
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