DigiFlash

Microsoft

GOOD PERSONALITY?

Dislike

Microsoft
Spartan

Button Size Wearable Computer

CHIEF EDITOR'S PAGE

One machine can do the work of 50 ordinary men. But no machine can do the work of an extraordinary man. But the technology has come out as the result of the brilliance of such extraordinary people in the world. This edition of DIGITIMES serves you with such technologies like Spartan-Microsoft web browser, button size wearable computer, steps for hiding the file behind image in steganography and lot more. Enjoy the technical dessert.

With best regards

T.E.MATHAN
PRESIDENT - DIGIFLASH

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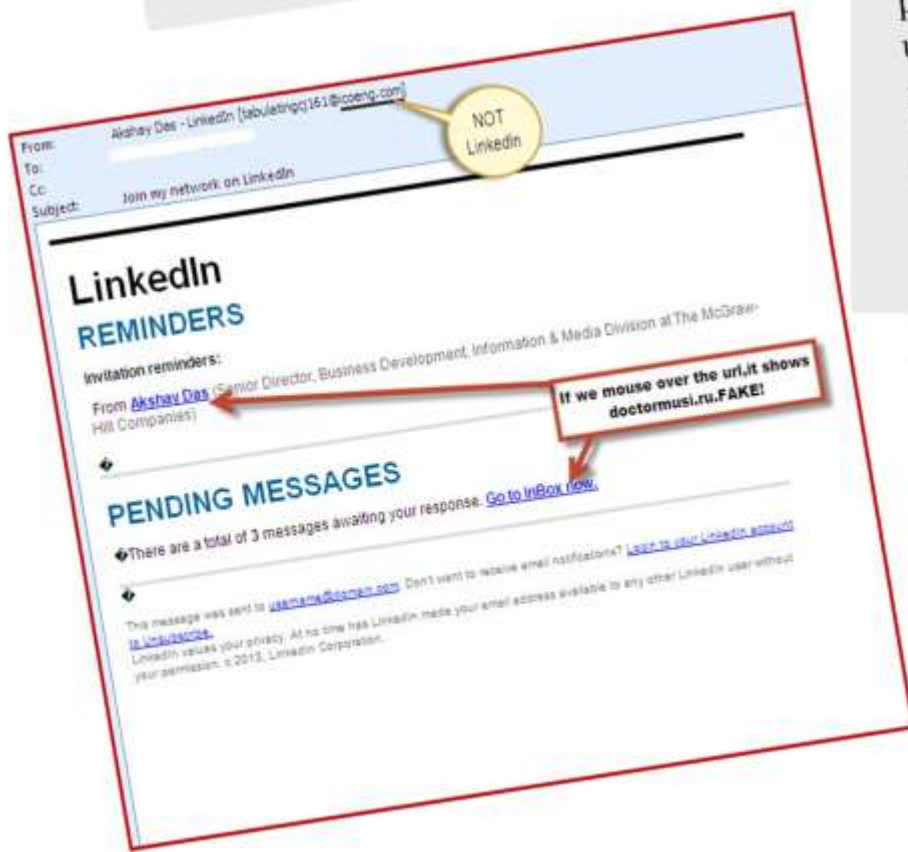
Tekibits–News and Events

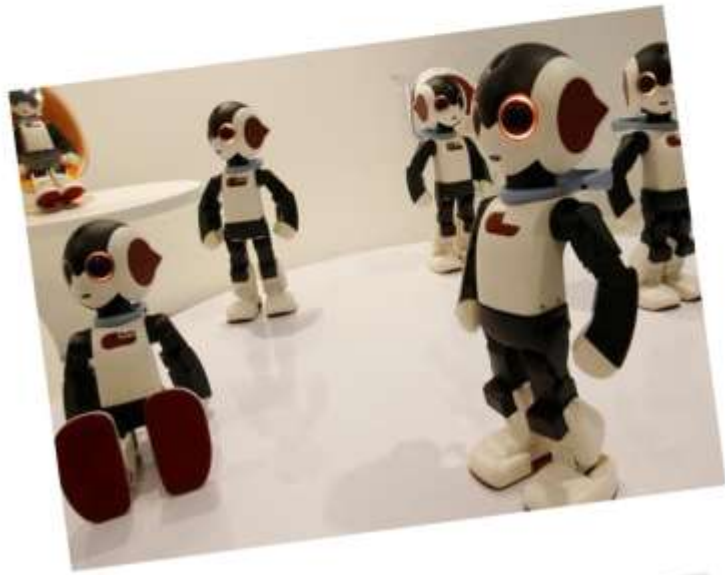## Twitter Makes Bangalore-Based ZipDial Its First Acquisition in India

Twitter announced that it has reached an agreement to acquire ZipDial, an Indian company that uses 'missed calls' as a means of connecting brands with the audience. This is Twitter's first acquisition in India. The Bangalore-based company's expertise will be used to make Twitter more accessible around the world, the company said. The talks between Twitter and ZipDial were in the news this month and it was reported that the deal was already closed at between $30 to $40 million (approximately Rs. 185 crore to Rs. 247 crore).

LinkedIn Users Being Targeted by Phishing Emails

Cybercriminals are now targeting LinkedIn users by scamming them into sharing their credentials by sending out mails claiming to be from the support team of the world's largest professional networking firm. It has observed an increase in phishing emails claiming to be from the US-based firm's support team. No immediate response was available from LinkedIn. "The body of the email claims that irregular activities have prompted a 'compulsory security update' for the recipients' LinkedIn account". The email uses a lowercase 'i' to spell LinkedIn, instead of capital 'I' as used by the firm. "The difference in characters is indiscernible to the eye and functions as a way to evade mail filters.

From: Akshay Das - LinkedIn [tabulatrigcj161@icoeng.com]

NOT LinkedIn

To:
Cc:
Subject: Join my network on LinkedIn

LinkedIn
REMINDERS
Invitation reminders:

From Akshay Das (Senior Director, Business Development, Information & Media Division at The McGraw-Hill Companies)

If we mouse over the url, it shows doctormusi.ru.FAKE!

PENDING MESSAGES

There are a total of 3 messages awaiting your response. Go to InBox now.

This message was sent to username@domain.com. Don't want to receive email notifications? Login to your LinkedIn account to unsubscribe.

LinkedIn values your privacy. At no time has LinkedIn made your email address available to any other LinkedIn user without your permission. ©2013, LinkedIn Corporation.

Japan to Sell Talking Robots That Won't Try to Make Sense

The scientists behind a new talking robot in Japan says people should stop expecting robots to understand them, and instead try to chime in with robotic conversations. Hiroshi Ishiguro's 28-centimer (11-inch) tall button-eyed Sota, which stands for "social talker," is programmed to mainly talk with a fellow robot, and won't be trying too hard to understand human speech - the major, and often frustrating, drawback of companion robots.They could be used for tasks such as drawing attention to products on display. Japan is a leading maker of robots, and its repertoire has ranged from industrial robots to whimsical toys. Internet and telecommunications company Softbank Corp. will start selling Pepper, a humanoid it claims is designed to read human emotions.

WhatsApp Web

WhatsApp announced the launch of WhatsApp Web enabling the use of the popular messaging app on desktop computers. While the solution isn't cross-platform and feels like a hack at first glance, it works surprisingly well. It managed to get its hands on the updated Android app that comes with WhatsApp Web support.For usage: Open the WhatsApp Web website on the desktop in Google Chrome. This is important as there's no standalone desktop app for WhatsApp. Once the WhatsApp Web page finishes loading, we will see a QR code on the top left part of the screen. Now fire up WhatsApp on the mobile phone and select WhatsApp Web from the menu (three dots). Align the QR code with the phone's camera and, almost instantly, we'll find ourself staring at our recent WhatsApp conversations inside Chrome on the desktop.

Keep your phone connected

TOP TECH PRODUCTS OF 2015

Microsoft's cheapest Web-ready phone to date:

Microsoft isn't to be left behind this year at the Consumer Electronics Show in Las Vegas. The Redmond giant has used the event to showcase the Nokia 215, the cheapest Internet-ready mobile the company has produced to date.

The Nokia 215, available for just $29 -- before taxes and subsidies -- is basic, but can help those with low budgets get on the grid. The 2G smartphone comes with Facebook, Messenger, Bing Search, Twitter and the Opera Mini browser pre-installed. In terms of hardware, the device sports a 2.4-inch QVGA 320 x 240 LCD display, 8MB RAM, Bluetooth and FM radio. Its single, front-facing camera has a 0.3 megapixel sensor.

Next-generation mobile gesture control:

Gesture recognition, from swipes to finger waves, is found on many of today's smartphones. However, Elliptic Labs wants to take this further -- and has demoed next-generation gesture control technology at CES 2015.

Elliptic Labs introduced the so-called "Multi Layer Interaction" technology at the show, using a mobile device as a test subject.

The technology enabled the device to display and shift content depending on the location and distance a user's hand was from the device. For example, when watching a video on a smartphone, controlling buttons appear as a hand approaches the device. This lets the user see how much time is left on the video, and they are also able to quickly forward or rewind without smudging the screen.

Roku's plans:

Roku, maker of radio and tv streaming devices, rocked up to CES 2015 with plans to tackle the TV market.

which give consumers access to over 2,000 channels without the subscription fees of traditional cable. While many smart TVs automatically include access to free streaming channels, these products do pinpoint what consumers now expect from the content industry -- access, without contracts that chain consumers for years on end. The Haier Roku TV 4 Series Smart LED HD TVs, available from Q3, are available in sizes ranging from 32-inches to 65-inches.

A discreet timepiece, activity tracker:

When enthusiasm for wearables begins to wane after half a year of wearing it, the often high price of such devices can make you regret such a purchase. However, the newly debuted Withings Activite Pop, available for $149.95, could be a more justifiable investment.The fitness tracker,paired with a

smartphone, is able to record your steps, running patterns, swimming -- as the product is water-resistant up to 30 meters -- and collates this data and more into a summary displayed on your phone. In addition, you can join up with friends to compete, with daily results pinned on a shared leaderboard.

In addition, the device looks like a standard watch with a traditional timepiece, so you can keep your activity tracking to yourself if you wish.

Reference:
http://www.zdnet.com/pictures/top-tech-products-revealed-at-ces-2015-so-far/

Hackers Target German Steel

Cybersecurity experts have warned that bad actors will use malware to damage real world objects. The 'Scholven' coal plant, pictured here, is similar to the steel mill that suffered "massive" furnace damage.

Hackers infiltrated a German steel mill and made it impossible to safely shut down a furnace.The breach, which caused "massive" damage, marks just a second time a digital attack caused physical damage, highlighting growing fears that cyberwarfare will soon impact more than computers and networks.Few specifics are provided in Germany's Federal Office for Information Security report, first obtained by Wired, other than that the hackers obtained access via a spearphishing attack before quickly moving across a "multitude" of sensitive corporate networks. Who the hackers were, how long they were in the system, whether they intended to destroy the furnace and what, if any, other equipment they accessed all remains unclear.

"The know-how of the attacker was very pronounced not only in conventional IT security but extended to detailed knowledge of applied industrial controls and production processes," said the German-language report, according to a Wired translation.

This hack comes after the U.S. and Israeli governments deployed the Stuxnet worm against the Iranian government, which is believed to have destroyed nearly one-fifth of the country's uranium enrichment facilities used to make nuclear weapons.

HIDE A FILE - STEGANOGRAPHY

Hiding a file in an image file is called 'Steganography'. Its a technique using which we can exchange data across the world over internet without using any encryption or decryption method. What happens actually is we just bind the file (we want to send) with an image file. The actual file becomes hidden within an image file and hence becomes more protected. The image file functions normally as it should. Even if someone snoop into our network and gets his hands on over that image, he just can't unbind the actual file hidden within that image until unless he doesn't know the exact trick. Lets see how to do this.
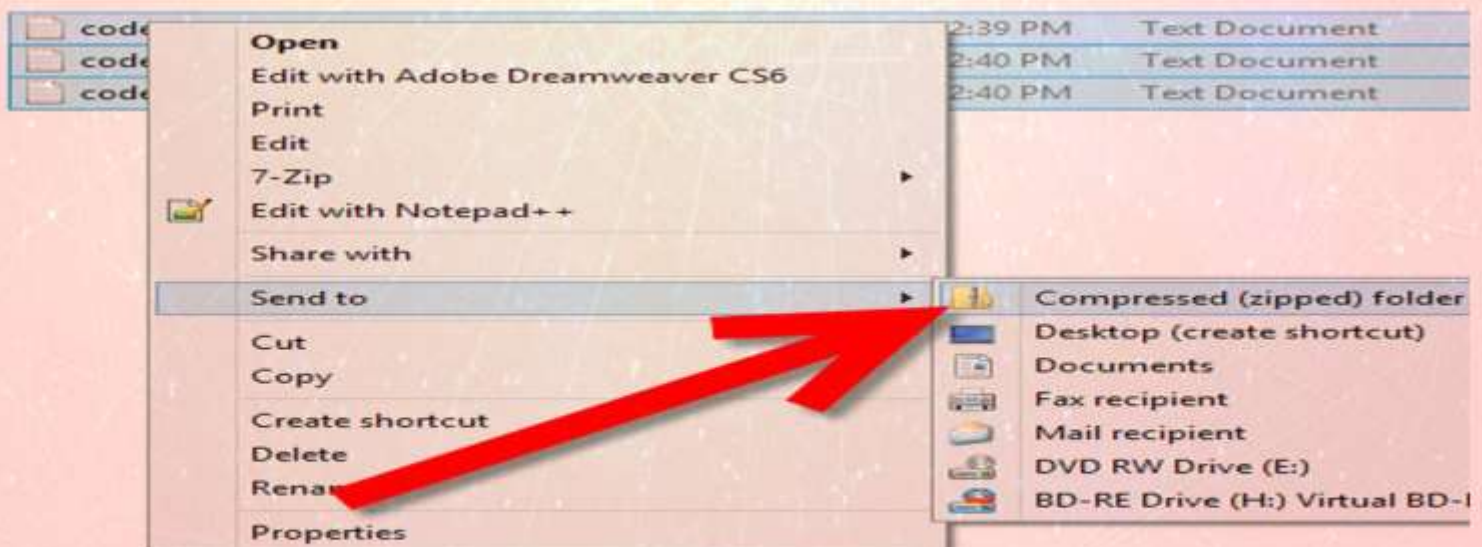
Follow the steps below carefully.

STEP 1: Hiding the File
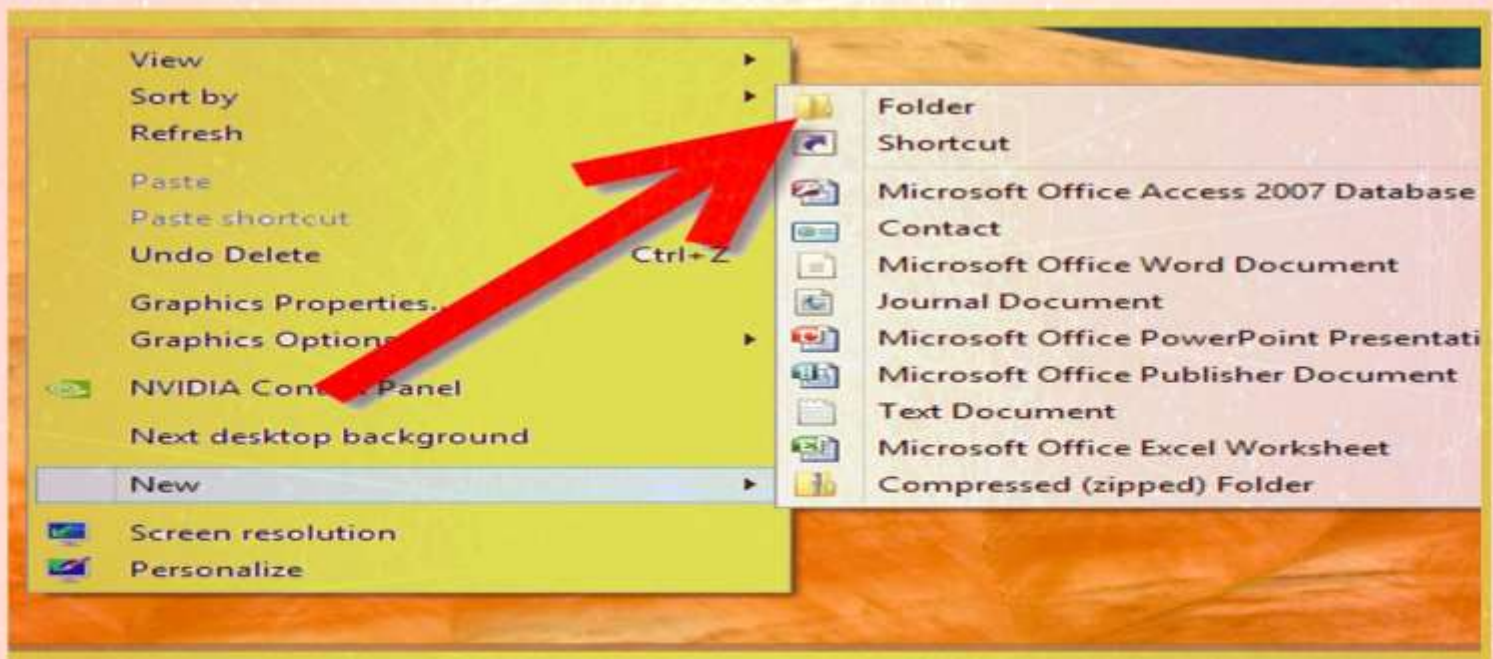
Create a new folder anywhere in your system. For example: "D:\NewFolder".

STEP 2:

Select all files you want to hide and get them zipped using WinZip or WinRar. Let this file is named as 'womb.rar'.

STEP 3:

Item type: JPEG image
Date taken: 11/21/2013 9:12 AM
Rating: Unrated
Dimensions: 2560 x 1920
Size: 618 KB

Select an image file like 'ppp.jpg' in which you want to hide your created zip folder 'womb.rar'.

STEP 4:
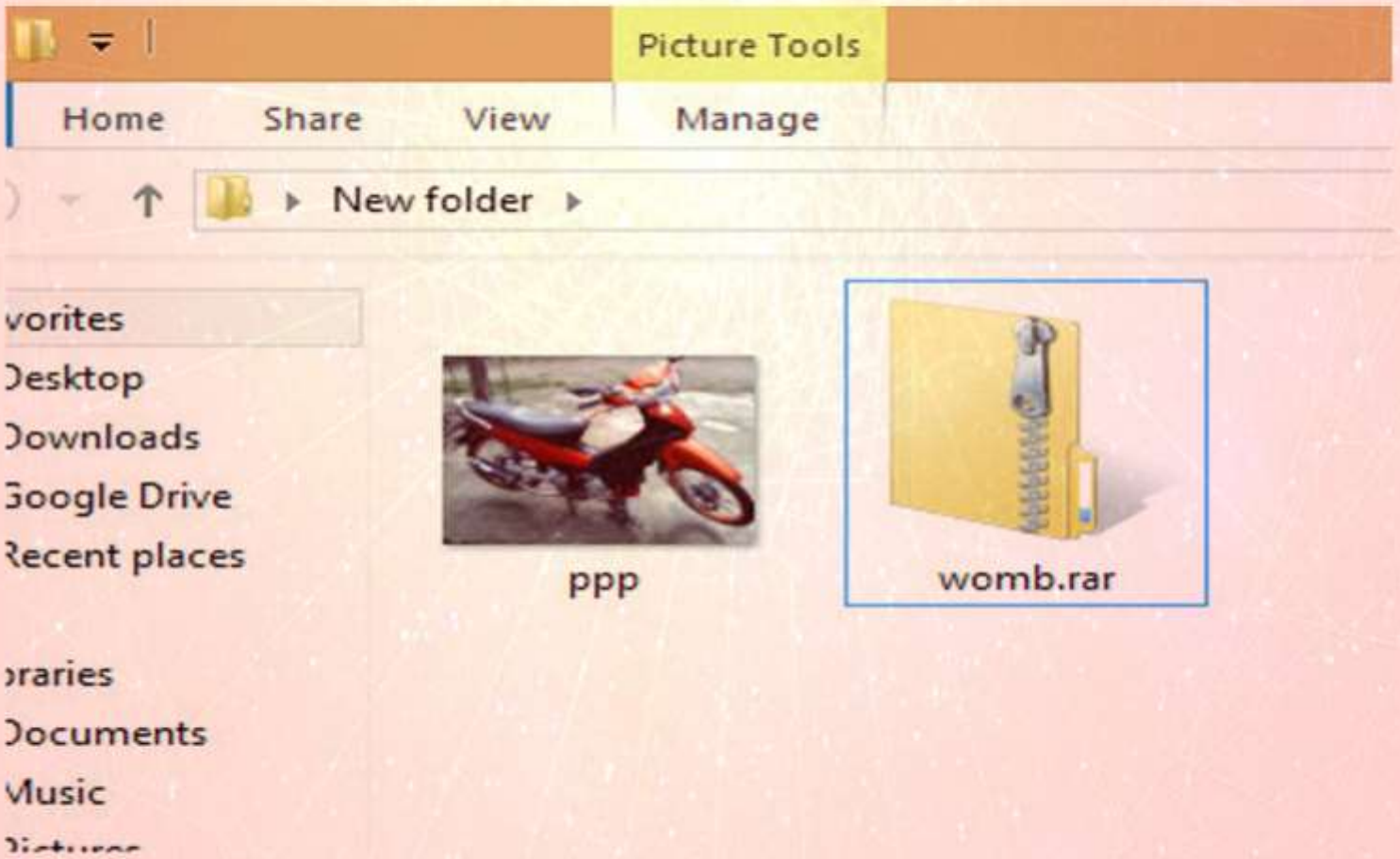
Place both 'ppp.jpg' and 'womb.rar' into the folder you created in step 1.

STEP 5:


```
Command Prompt

Microsoft Windows [Version 6.2.9200]
(c) 2012 Microsoft Corporation. All rights reserved.

C:\Users\mosmos>cd Desktop

C:\Users\mosmos\Desktop>cd "New folder"

C:\Users\mosmos\Desktop\New folder>dir
 Volume in drive C is Windows8_OS
 Volume Serial Number is D26C-DAD5

 Directory of C:\Users\mosmos\Desktop\New folder

12/07/2013  03:38 AM    <DIR>          .
12/07/2013  03:38 AM    <DIR>          ..
11/26/2013  09:44 PM           633,591 ppp.jpg
12/07/2013  03:37 AM             1,065 womb.rar.zip
               2 File(s)        634,656 bytes
               2 Dir(s)  771,403,673,600 bytes free

C:\Users\mosmos\Desktop\New folder>_
```

In Command Prompt window, navigate to the folder where you placed both 'ppp.jpg' & 'womb.rar' files. Just type "cd folder-path" for example: cd D:\New Folder in Command Prompt.

STEP 6:


```
(c) 2012 Microsoft Corporation. All rights reserved.

C:\Users\mosmos>cd Desktop

C:\Users\mosmos\Desktop>cd "New folder"

C:\Users\mosmos\Desktop\New folder>dir
 Volume in drive C is Windows8_OS
 Volume Serial Number is D26C-DAD5

 Directory of C:\Users\mosmos\Desktop\New folder

12/07/2013  03:38 AM    <DIR>          .
12/07/2013  03:38 AM    <DIR>          ..
11/26/2013  09:44 PM           633,591 ppp.jpg
12/07/2013  03:37 AM             1,065 womb.rar.zip
               2 File(s)        634,656 bytes
               2 Dir(s)  771,403,673,600 bytes free

C:\Users\mosmos\Desktop\New folder>copy /b ppp.jpg+womb.rar ppp.jpg_
```

Type following command very carefully in Command Prompt:
copy /b ppp.jpg+womb.rar ppp.jpg.

STEP 7:

```
C:\Users\mosmos\Desktop>cd "New folder"

C:\Users\mosmos\Desktop\New folder>dir
 Volume in drive C is Windows8_OS
 Volume Serial Number is D26C-DAD5

 Directory of C:\Users\mosmos\Desktop\New folder

12/07/2013  03:38 AM    <DIR>          .
12/07/2013  03:38 AM    <DIR>          ..
11/26/2013  09:44 PM           633,591 ppp.jpg
12/07/2013  03:37 AM             1,065 womb.rar.z
               2 File(s)        634,656 bytes
               2 Dir(s)  771,403,673,600 bytes fr

C:\Users\mosmos\Desktop\New folder>copy /b ppp.jp
ppp.j
        1 file(s) copied.

C:\Users\mosmos\Desktop\New folder>
```

Well done! If everything went good, 'womb.rar' (contains all those files you want to hide) has been hidden in the 'ppp.jpg' (image file you selected).

STEP 1: Accessing the Files

Realize that 'ppp.jpg' is a JPEG extension file. Hence its properties will remain same. It'll work like any other JPEG image file. But your data 'womb.rar' is still hidden within it.

STEP 2:
Know that there are two file extraction methods:

Method 1: Simply right-click 'ppp.jpg' and select 'open with winrar'. You (or anyone you send the file to) can see 'womb.rar' zipped file there. Just unzip it and here your all files are.
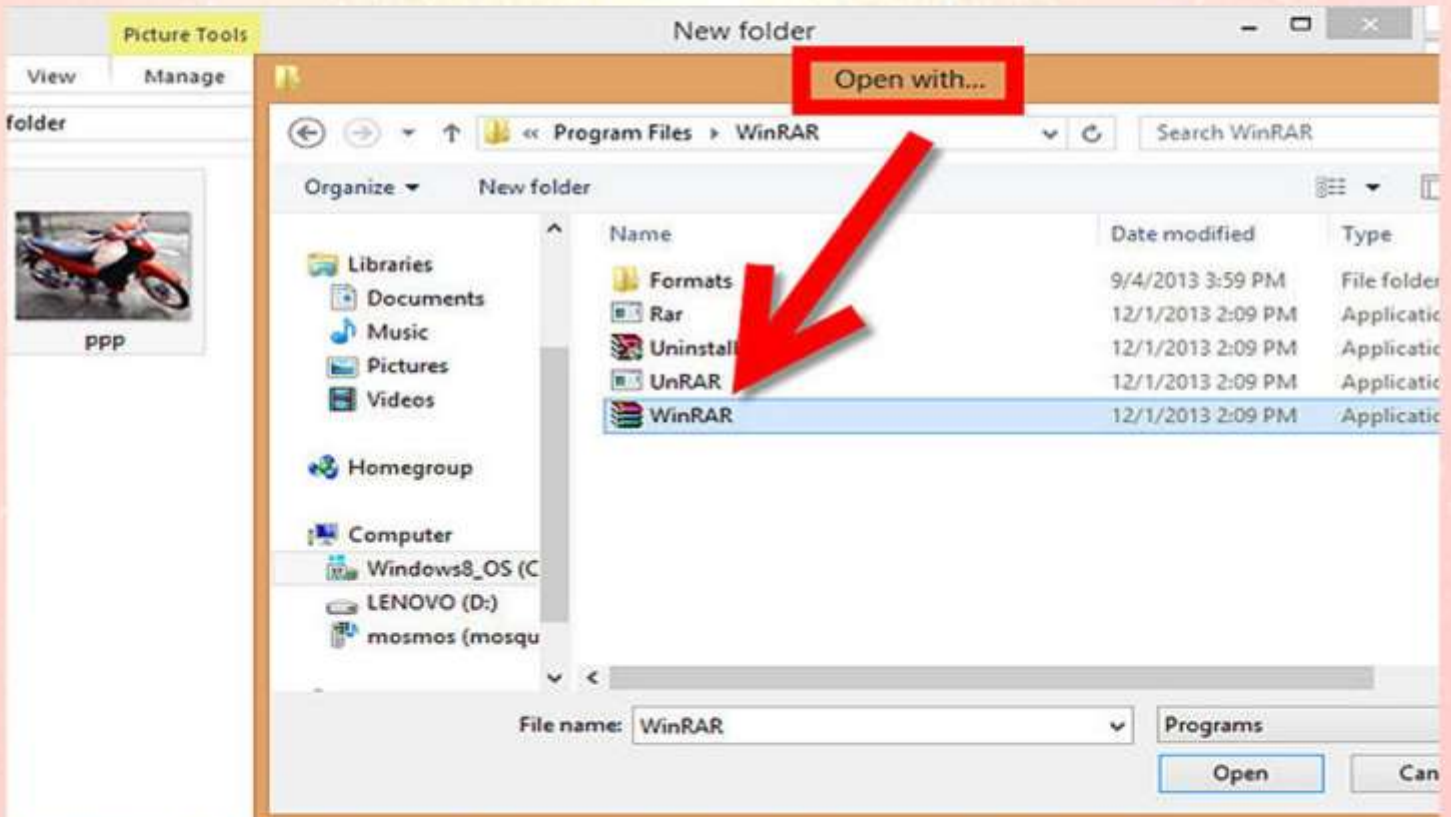
Method 2: Change the extension from 'ppp.jpg' to 'ppp.rar'. Then, double-click to open it. You can see 'womb.rar' zipped file there. Just unzip it, and here you can see your files.

Develop your personality

What is Personality?

The "personality" is the typical pattern of thinking, feeling, and behaviors that make a person unique. When we say that someone has a "good personality" we mean that they are likeable, interesting and pleasant to be with. Everyone wants to be attractive to others.In fact, approximately 85 percent of your success and happiness will be a result of how well you interact with others. Ultimately, it is your personality that determines whether people are attracted to, or shy away from you. While we can only enhance our looks to a certain extent, we have the ability to improve the personality as much as we want. We can develop or integrate any trait we deem fitting and agreeable.

Here are some ways we can accomplish this:

1. Be a better listener: Jacqueline Kennedy Onassis was considered one of the most charming women in the world because she cultivated the skill of being an exceptional listener. She was known for the way she would look a person in the eyes, hang on their every word, and make them feel important. There is nothing more appealing than having someone listen to you intently making you feel like you're the only person in the world.

2. Read more and expand your interests: The more you read and cultivate new interests, the more interesting you are to others. When you meet new people it gives you the opportunity to share what you know and to exchange your views with them.

3. Be a good conversationalist: This relates to how much you read and know. Once you have much to contribute, learn how to talk about it with others. No one can read about or know everything, so it's refreshing to learn from others those things we don't have the time to about read ourselves. If you happen to be shy, join a group like Toastmasters that encourages you to talk about what you know.

4. Have an Opinion: There is nothing more tiresome than trying to talk to someone who has no opinion on anything. A conversation has nowhere to go if you have nothing to expound on. If you have an uncommon point of view or you are more interesting and stimulating to be with socially.

5. Meet New People: Make the effort to meet new people especially those unlike you. It not only exposes you to different cultures and alternative ways of doing things, it broadens your horizons.

6. Be yourself: The next most tiresome thing after having no opinions is trying to be something you're not. Molding yourself in order to fit in, or be accepted, usually backfires. Since each of us is unique, expressing that uniqueness is what makes us interesting. Attempting to be a carbon copy of someone else not only falls flat, but reveals a lack of authenticity.

7. Have a positive outlook and attitude: Who wants to be around people who are negative, complain a lot, or have nothing good to say? Instead, be the kind of upbeat person who lights up a room with your energy when you enter it. Do it by looking for the best in people and things. Smile warmly, spread good cheer, and enliven others with your presence.

8. Be fun and see the humorous side of life : Everyone enjoys the company of someone who makes them laugh, or smile, so look for the humorous, quirky side in a situation - there always is one. Comic relief is a much welcome and needed diversion at times.

9. Be supportive of others: Being supportive is probably the most endearing quality you can integrate into your personality. Just as you yourself welcome it, be the support for others when they need it.

10. Have Integrity and treat people with respect: Being honest and true to your word will bring you the admiration, respect and gratitude of others. Nothing improves a person's personality more than integrity and respect - respect for others, as well as respect for yourself.

Reference:
http://www.essential
lifeskills.net
/improveyourpersonality.html

INTEL DEMOS

A BUTTON-SIZE WEARABLE COMPUTER

The world's largest chip maker, Intel, hopes an itty-bitty computer will mean better wearable gadgets. Intel CEO Brian Krzanich holds the company's tiny computer for wearables.It just got a lot easier to build wearable gadgets that aren't so bulky or awkward.

Intel CEO Brian Krzanich showed off a minuscule computer, dubbed Curie, during a keynote speech at the International Consumer Elecronics Show in Las Vegas on Tuesday. Krzanich plucked a button off his blazer before explaining that it contained a Curie demo module. Curie is a sure sign that hardware makers are eager to build wearable devices of all kinds. It also points to the unwelcome size of many existing smart watches and smart glasses.

To make it clear that Curie is already functional, the company built a simple step-tracking smartphone app to go with the module Krzanich had on him; at one point he pulled the phone out of his pocket, and its display indicated he'd taken 1,788 steps during the keynote.

As part of its wearable's push, Intel has partnered with a number of companies in the fashion and accessories businesses, including Luxottica Group, which is the world's largest eyeglass maker with brands such as Ray-Ban and Oakley. Krzanich said Luxottica will use Curie to make "truly consumer-friendly" smart glasses—a notoriously tricky thing to do, in part because of the size of

Intel's new device will include a Bluetooth low-energy radio, motion sensors, and components designed to rapidly and precisely differentiate between different types of physical activity. Krzanich said Curie will run "for extended periods of time" on a coin-size battery and would be available in the second half of the year.

Curie appeared much smaller than a postage-stamp-size computer, called Edison, that Krzanich showed off at last year's CES.

The world's largest chip maker evidently sees wearable's as one of the most important categories in consumer electronics. It's a belief held by a lot of other companies at CES, where gadgets meant to be worn on the body or clipped to clothing were all over the show floor this year.

components needed to make them work.

Oakley CEO Colin Baden joined Krzanich on stage to talk about wearable's, which Oakley has built in the form of devices like ski goggles that include a head-up display. When you put a wearable device on your face, Baden said, it becomes part of your personality. "It's important the form factor compress so the electronic component of it doesn't become burdensome," he said.

Reference:
http://www.technologyreview.com/news

Find your interesting workshops, conferences & symposiums at page 11!!!

KNOW A FEST

16th-Feb-2015 KITE 2k15
Project Exhibition, Karpagam University,Coimbatore,Tamil Nadu

18th-Feb-2015 National Conference on Emerging Trends in Big Data Analytics NCETBDA 15
National Conference,Sri Krishna Arts and Science College,Coimbatore,Tamil Nadu

19th-Feb-2015 Acumen 2k15
Technical Symposium,Kongu Engineering College,Erode,Tamil Nadu

19th-Feb-2015 National Seminar on Recent Trends in Topology
National Seminar.Kongu Engineering College,Erode,Tamil Nadu

20th-Feb-2015 Digital Dreamz 15
Technical Symposium,Kalasalingam University,Virudhunagar,Tamil Nadu

21st-Feb-2015 P-DROID V1.0
Android Workshop,Park College of Engineering and Technology,Coimbatore,Tamil Nadu

23rd-Feb-2015 VISAI 2015
Project Competition & Exhibition,Vel Tech Dr RR and Dr SR Technical University,Chennai
Tamil Nadu

27th-Feb-2015 National Level Workshop on Network Secutiry NWNS 15
National Workshop,Rathinam College of Arts and Science ,Coimbatore,Tamil Nadu

28th-Feb-2015 National Conference on Networking, Intelligence & Computing NCNIC 2015
National Conference,Kongu Engineering College,Erode,Tamil Nadu

28th-Feb-2015 International Conference on Evolving Trends in Engineering and Technology
International Conference,Latha Mathavan Engineering College,Madurai ,Tamil Nadu

28th-Feb-2015 National Conference on Innovations in Computing & Communication
National Conference ,ASL Pauls College of Engineering and Technology,Coimbatore,Tamil
Nadu

28th-Feb-2015 SCIENTIUM 15
Symposium ,Kongu Engineering College ,Erode,Tamil Nadu

4th-Mar-2015 International Conference on Advance Information Computation 2015
International Conference,Selvam College of Technology ,Namakkal,Tamil Nadu

5th-Mar-2015 Anokha 2015
Technical Fest,Amrita School of Engineering,Coimbatore,Tamil Nadu

5th-Mar-2015 IEEE ICECCT 2015
International Conference,SVS College of Engineering,Coimbatore,Tamil Nadu

6th-Mar-2015 ETEIAC 2015
National Conference,Karpagam College of Engineering,Coimbatore,Tamil Nadu

6th-Mar-2015 National conference on New Trends in Enginnering & Management
National Conference,Jay Shriram Group of Institutions,Tirupur,Tamil Nadu

6th-Mar-2015 Samgatha 2015
Techno Cultural Festival,Indian Institute of Information Technology Design and
Manufacturing ,IIITDM Kancheepuram,Chennai ,Tamil Nadu

7th-Mar-2015 Castalia 15
Management Fest ,Sri Venkateswara Group of Institutions ,Coimbatore,Tamil Nadu

12th-Mar-2015 International Conference on Emerging Research in Engineering Science and
Technology 2015
International Conference,Kalaivani College of Technology,Coimbatore,Tamil Nadu

13th-Mar-2015 ENIAC 15
Technical Symposium,Kalasalingam University,Virudhunagar,Tamil Nadu

20th-Mar-2015 2015 IEEE International Conference on Engineering and Technology
ICETECH 15
International Conference,Rathinam Technical Campus,Coimbatore,Tamil Nadu

20th-Mar-2015   International Conference on Recent Advances & Innovations in Engineering
& Technology ICRAIET 2015
International Conference,Ranganathan Engineering College ,Coimbatore,Tamil Nadu

25th-Jun-2015 Cloud Computing and eGovernance 2015
International Conference,Pondicherry Engineering College ,Pudhucherry,Pondicherry

reference:
   www.knowafest.com

Digifash Deeds

Guest Lecture(2nd & 3rd years):
    For second year and third years conducted by Mr.Pongopinath R&D, BLOOMBERG, USA on January 8, 2015 at Department lab-1 from 2.00 pm to 5.00 pm.The total numbers of participants was 80 from second years and 80 from third years.

:Big Data Hackathon (LokiToki):

    A 24 hour non-stop BIG DATA HACKATHON "LOKI TOKI" was conducted in association with 3x3CONECT,Hyderabad from 9th January 10.00 AM to 10th January 10.00 AM by Mr.T.Rakesh and Ms.N.Hemalatha from 3x3 conect, Hyderabad at MIC (Microsoft Innovation Center). The total numbers of participants was 68 from final years

JANUARY DEEDS......

Alumni Interaction
    This event held with presence of Prof.A.Gowrishankar HOD (CSE), association office bearers and final year's students on 31st January from 2.00 pm to 4.00 pm.

SPARTAN -WEB BROWSER

Microsoft is conducting a serious overhaul on the web browser for its upcoming Windows 10. Code named Spartan, precious little was known about the browser's features, until now that is.Neowin.com announced that it was sent leaked images of the new browser, allowing us to piece together a little more information.

Right off the bat, the design has clearly deviated from standard Internet Explorer aesthetics, and is more in line with Google's Chrome now. Standard browser tabs sit above the search bar, albeit with more rounded edges now, and minimalistic forward, back, and refresh buttons to the side. On the right end of the search bar is a "star to favourite" button, and a "reading mode" button, that strips away multimedia in the page, leaving only the text for easier reading.

To the right of the search bar are three buttons for folder access, sharing, and a triple dot icon to access the browser menu, similar to Microsoft's menu access for Windows Phone OS. One of the features supposedly included is an annotation feature, that allows the user to make notes on a web page and share it with a friend. This is powered by Microsoft's OneDrive, indicating their push to standardise their cloud storage and sharing across devices. And once shared, multiple users can make notes on the same copy, similar to Google Docs.
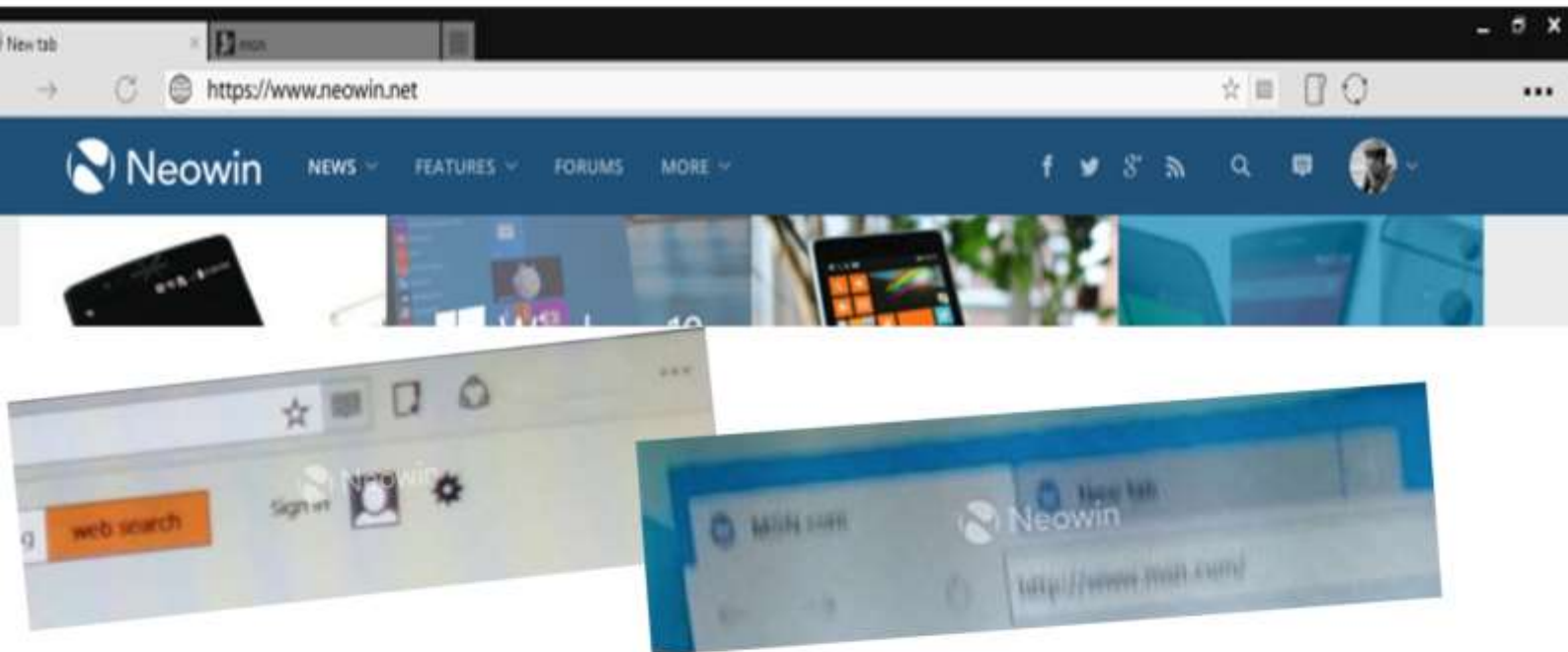
> *"Microsoft's - Spartan browser will also have voice activation"*

Microsoft's digital helper and Siri's counterpart, Cortana, is also a major part of the newSpartan browser. Although not yet visible in the screenshots released, the functionality is expected to be a trigger icon in the header. Cortana is also expected to replace all forms of Bing search in the browser.

The design leaning towards a Chrome look is not very surprising, considering Spartan is being built to look and feel similar across all of Microsoft's upcoming devices. It's also expected to be a made a Windows Store app, allowing Microsoft to push across updates easily. And while Spartan is what the new browser is being called, it's only a code name so far, and it's as yet unknown if it will be officially branded according to Internet Explorer tradition.

Neowin's reconstruction of the browser, based off the leaked photos

REFERENCE:
http://www.dnaindia.com/scitech/report-leaked-microsoft-s-new-look-spartan-browser-will-also-have-voice-activation-2051155

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