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mir:ror



mir:ror



nabaztag:tag



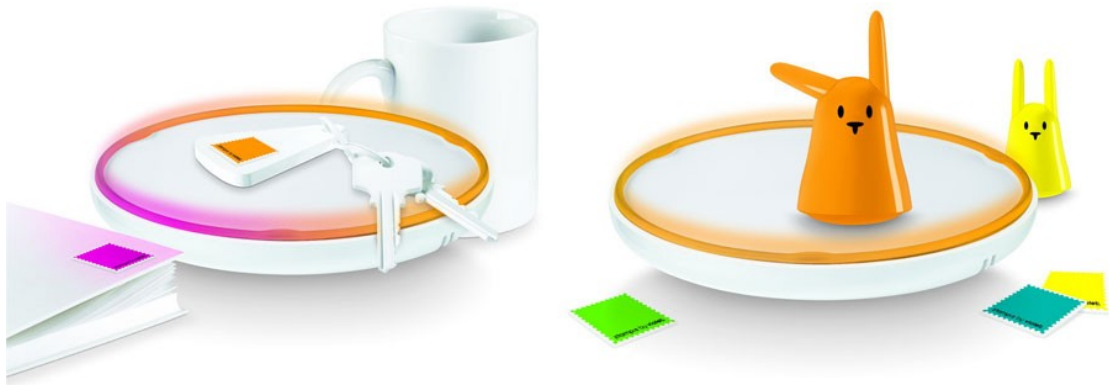
nano:ztag



ztamp:s



mir:ror



At last! Your things step through the Mirror...

8:40 am – you're getting ready to leave home. On your desk, next to your computer, a halo of light is quietly pulsating. You swiftly flash your car keys at this mysterious device. A voice speaks out: "today, rain 14°C". The voice continues: "you will get there in 15 minutes". Your computer screen displays an image from the webcam located along the route you're planning to travel, while the voice reads out your horoscope for the day. At the same moment, your friends can see your social network profile update to "It's 8:40, I'm leaving the house". At the office, your favourite colleague receives an email to say that you won't be long. And finally, just as you walk through the door, your computer locks.

You personally "scripted" this morning's scenario: you decided to give your car keys all these powers, because the time you pick them up signals the fact you're soon going to leave the house.

What if you could obtain information, access services, communicate with the world, play or have fun just by showing things to a mirror, a Mir:ror which, as if by magic, could make all your everyday objects come alive, and connect them to the Internet's endless wealth of possibilities?

Mir:ror is as simple to use as looking in the mirror - it gives access to information or triggers actions with disarming ease: simply place an object near to its surface. Mir:ror is a power conferred upon each of us to easily program the most ordinary of objects. The revolution of the Internet of Things suddenly becomes a simple, obvious, daily reality that's within anyone's reach.

How does this work ?

Mir:ror is very simple to use

- Download Mirware, the Mir:ror's software It is available on line for **Mac** and **Windows XP/Vista**
- Plug Mir:ror into one of your computer's USB sockets Mirware will automatically take you to the registration website. Register your Mir:ror on Violet.net and set up an account to start programming your objects.
- Your Mir:ror is now ready to work You can start programming it and using your Objects

Programming one of your Objects

- Affix a Ztamp to an object The Mir:ror bundle includes Ztamps and 2 Nanoztag micro-rabbits also containing Ztamps
- Show the Ztamp to the Mir:ror Mir:ror notifies you that this Ztamp has not yet been programmed and takes you to Violet.net
- Add Applications In the directory of applications on Violet.net, select the actions you would like to perform every time the object is detected
- Your Object is ready Every time you will show it to your Mir:ror, it will launch the applications you have assigned to that object

Features

Connection

Connects to a USB port on any Mac or Windows PC

RFID chip detection

Mir:ror is able to recognize:

- Objects bearing RFID Ztamp:s by Violet bundled with the Mir:ror (also soon available separately)
- Nano:ztags, micro-Rabbits to which you can assign applications
- Pre-ztamped objects such as Children's books pre-programmed to read out the story
- Any object fitted with an RFID chip compliant with ISO 14443 A or B standards (found in some public transport passes, RFID key rings, ID cards, hotel keys etc...)

- Mir:ror transmits any detected chip's identifier to the violet.net platform, which returns instructions about apps to run.
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Programming Applications

- You can assign several applications to any individual object identified with an RFID chip: reading a Website, sending e-mail, opening a file, counting, giving the weather forecast...
 - Programming is as easy as picking your applications among the selection offered in the directory on violet.net
 - You can also add applications to objects that already have programmed functions: your bus pass can be set to send e-mail to your parents each time Mir:ror sees it
 - The programs on a Ztamp can be changed at will
 - You can send data about your Ztamp's detection to your own web-hosted applications.
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Types of Applications

The apps on a Ztamp can perform all sorts of tasks

- Launch content located on your computer with your computer
 - Launch content located on the Internet with your computer
 - Send data towards the Internet: e-mail, messages to social networks, API
 - Receive messages from the Internet
 - Send content to other objects on the Violet network
 - Launch mini-programmes: saving dates, counting etc.
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Detection capacities

- Detects objects from a distance of a few centimetres
 - Can detect up to 4 objects simultaneously.
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Appearance and customization

- Animated lights on the outer ring
 - Customize your Mir:ror's tray with Mir:rorskins to match it with its surroundings
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Standby mode

- If you wish to disable Ztamp RFID detection, simply flip the Mir:ror upside down to activate standby mode
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Applications

The choice of services and content is ever-expanding. The following list is purely indicative and non-exhaustive. All of these services are triggered when you show a Ztamped object to the Mir:ror, and can be used free of charge.

- Launches files on your computer
- Connects to websites
- Plays videos, photos, music
- Text-to-speech playback of news from your websites (RSS feeds)
- Launches Podcasts over the Internet
- Launches Internet radios
- Sends e-mail messages with variable content
- Sends spoken messages
- Plays Weather, Markets, Air Quality info
- Counts, records and gives reminders of an object's recent use
- Locks your PC, activates the screensaver
- Send messages on Twitter with variable content
- Receives e-mail and message through the object
- Sends detection data to external websites through a URL
- Reads out books (books sold separately)

What for?

Easy as a mirror

Because it's the easiest, most intuitive interface. Okay, so you've learnt how to type on a keyboard, to click and double-click an icon, to touch an icon with your finger... Mir:ror is still the world's easiest interface – a two year-old can use it. Can you think of any object that's easier to use than a mirror?

In the Object itself

Because every object should hold, deliver and use the information we need when we use it. Do you still scribble new phone numbers in a paper diary, separate from your phone?

In the right place, at the right time

Because information should be contextual. In the same way that you stick Post-it notes in the place where you need them, and not in some centralised point in the room, Ztamps deliver the right info, at the right place, at the right time.

Personalization

Because the on-line world has made us take personalization, information storage and virtual worlds for granted. Why not extend this to other stuff around us?

Learn and master

Because RFID technologies should be available to anyone, and not just industries, retailers and institutions. Mirror provides the tools and empowers each one of us to easily understand, master, control and create this whole new world of RFID chips.

Invent

Because the Internet of Things is going to be invented collectively by all its users, just like the now-familiar Internet of Computers was in its time. Mirror gives each one of us the power to invent the uses and life that goes with it.

Technical

System requirements

- Permanent broadband Internet connection
- Computer: Mac OS X, or PC running Windows XP/Vista or Linux

Warranty and Support

- 1 year warranty, repair & replacement
- Technical Support

Technical specs

- Permanent connection
- Works with Violet [Ztamp:s](#) and any RFID tag compliant with ISO 14443 A or B standards
- Diameter: 10.3 cm. Height: 1.4 cm. Weight: 90g
- USB 2.0 connector
- 3 colour LEDS to dynamically express information
- Loudspeaker (buzzer)
- Movement detector to activate standby mode
- Software downloaded from the Web during setup
- Services are interoperable with other Violet objects