

Reeti: It's a robot, but we're not quite sure what it does yet (w/ video)

April 6 2011, by Katie Gatto



(PhysOrg.com) -- Robots come in all shapes and sizes; from sets of blocks, to child sized humans, and then, there is this. At first, this reporter didn't know exactly how to classify Reeti. It isn't exactly human, but it isn't exactly a non-human. The real problem is that face, because humans tend to want to see faces as being human. The ears kind of remind me of Shrek, while the face looks surprisingly like a Snork.

The oddity of its aesthetics aside, Reeti is a [robot](#) that is designed to act as a kind of media center helper. His main goal is to act as an interface between your PC and your TV. So, if you want to watch a movie in your iTunes library, without being limited to the small screen, a bot like Reeti could help you out. Then again, so could a simple cable, and the cable won't set you back nearly as much cash. Reeti, when it goes on pre-order on an as yet undetermined date, will cost you about \$7000, and that price could still go up.

Other than this, no one is exactly sure what Reeti does. Some have speculated that Reeti is, for the time being, mostly a blank platform that developers will be able to write apps for, a kind of like a robot app store, but to be honestly, this business model usually only works on devices that people already want to own for a built in feature, such as cell phones.

robopec

Reeti, a PCBot® which combines the worlds of a Home Theater PC and communicative robotics

- **Reeti**, a full Home Theater PC (HTPC) (Audio 5.1, HDMI 1.3, Blu-ray, ...)
- A robot which expresses its emotions.
- A user-friendly interface, and an iPhone or iPad application.
- A flexible, touch-sensitive skin and 15 degrees of freedom give it an infinity of postures and facial expressions.

- **Reeti** can hear, speak and see. Two HD cameras give it an accurate vision and a 3D perception of its environment.
- A scalable and configurable artificial intelligence allows communication.
- Connected to the Web, **Reeti** receives e-mails, reads RSS feeds and broadcasts on Facebook.
- **Reeti** is an open development platform: besides applications already available, develop your own project.

Reeti, one robot, many applications, customize it to your specific needs

- **Firms and Professional Organizations**
Reeti makes your needs and your reception center attractive and original. It comments and analyzes when presentations put a product or a brochure in front of its eyes and it will run the associated presentation.
- **Teachers**
Innovative tool to teach the sciences and the technologies in a fascinating and applied way.
- **Research Laboratories**
Experimental platform for research in several disciplines: artificial intelligence (AI), vision, man-machine interaction, Web interaction, multimedia content, robot-assisted therapy, behavior analysis, sociology, psychology, ...
- **Developers**
Professional software developers or hobbyists, the software development kit (SDK) of **Reeti**, the pre-installed Open Source libraries and Unity middleware are available to help you to implement your ideas.
- **Personal Use**
PC, HTPC, fan robot, communicative object, video surveillance, ... **Reeti** gathers all these functions in the same advanced design object.

Reeti, a complete panel of expressions

Two visible eyelids
Two HD 720p cameras
Two microphones
Flexible and touch sensitive skin
RGB LEDs
Artificial mouth
Three axes articulated neck
Two backpack USB
Blu-ray reader/DVD burner
2x USB 2.0
2x USB 3.0
Gigabit Ethernet

HDMI 1.3, DVI, Audio 7.1, Jack Audio, Connection Kit

W9-91962.11e
Intel Atom Dual Core @1.6 GHz
2 GB RAM DDR2

WiFi 802.11n

Three tactile sensors

Two directional ears

contact@robopec.com
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I will say this for the little guy (or girl?), it is packing some decent hardware. Each of the robots eyes have a HD camera, so he can see in 3D and recognize objects. It also has a speech synthesizer, that can allow it to read text back to you.



Reeti being made by Robopec, which is based in France.

More information: www.reeti.fr/en

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