Microsoft Research
Faculty Summit 2010
Partner in Crime
GPS in Aviation?
Natural User Interfaces
What are the Natural Gestures?
What are the Natural Gestures?

Before
What are the Natural Gestures?

Before

After
What are the Natural Gestures?

Before
What are the Natural Gestures?

Before

After
What are the Natural Gestures?

Before
What are the Natural Gestures?

Before

After
What are the Natural Gestures?
XEROX 8010 Star Information System

Star provides integrated text and graphics. A variety of type sizes and styles may be used.

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New input methods require reassessment of conventions
Natural User Interface
Natural User Interface
The NUI design starts with clear and simple principles that define a successful natural user interface:
Suspension of disbelief
THE NITPICKER'S GUIDE FOR NEXT GENERATION TREKKERS VOLUME II

All new! Fan-favorite foul-ups, bloopers, flubs, technical glitches, and story-line screwups from the seventh season of Star Trek: The Next Generation, the NextGen movie, Star Trek: Generations, plus reader mail from The Nitpicker's Guide on the first six seasons of NextGen AND MORE!

Phil Farrand

Also see: The Nitpicker's Guide for Classic Trekkers and The Nittunker's Guide for Next Generation Trekkers
The NUI design starts with clear and simple principles that define a successful natural user interface:

Each user interface is authentically digital, creating a new world that requires users to suspend disbelief and that does not simply mimic the real world.
Content is the interface
Technology: Boeing, BAE Systems Show Off New Unmanned Planes

Posted by Soulskill on Monday July 12, @02:29PM from the sneaky-and-expensive dept.

gilgul writes

The hydrogen-powered Phantom Eye unmanned airborne system, a demonstrator that will stay aloft at 65,000 feet for up to four days, was unveiled by Boeing today. 'Phantom Eye is powered by two 2.3-liter, four-cylinder engines that provide 150 horsepower each. It has a 150-foot wingspan, will cruise at approximately 150 knots and can carry up to a 450-pound payload.' Across the pond, BAE Systems showed off Taranis, a UAV that will test the possibility of...
The NUI design starts with clear and simple principles that define a successful natural user interface: Each user interface is authentically digital, creating a new world that requires users to suspend disbelief and that does not simply mimic the real world. The user interface makes content the interface, providing intuitive affordances and clear feedback to enable users to interact with the world.
The NUI design starts with clear and simple principles that define a successful natural user interface: Each user interface is authentically digital, creating a new world that requires users to suspend disbelief and that does not simply mimic the real world. The user interface makes content the interface, providing intuitive affordances and clear feedback to enable users to interact with the world.

Learning is an inherently positive experience, use it to enable your user experience, do not limit this experience to concepts that all users know already.
chill playlist
Just-in-Time
Chrome
The NUI design starts with clear and simple principles that define a successful natural user interface:
Each user interface is authentically digital, creating a new world that requires users to suspend disbelief and that does not simply mimic the real world. The user interface makes content the interface, providing intuitive affordances and clear feedback to enable users to interact with the world.
Learning is an inherently positive experience, use it to enable your user experience, do not limit this experience to concepts that all users know already.
The user interface considers context, including the right metaphors, visual indications, feedback, and input and output methods for each context.
The NUI design starts with clear and simple principles that define a successful natural user interface:

- Is authentically digital
- Supports suspension of disbelief

- Content is the interface (maximizes content)
- Provides affordances
- Provides clear feedback

- Requires learning, makes it fun

- Appropriate to context (I/O device, metaphor, task)
Natural User Interface
Reality-Based Interaction
Natural User Interface