**Generic UA Slide Deck**

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* Universal Acceptance
	+ What is it?
	+ What does it look like?
	+ Who’s doing something about it?
	+ What are they doing?
	+ How can you help?
* UA – What is it?
	+ Where not all domain names are treated equally on
		- Acceptance
		- Storage
		- Processing
		- Display
	+ E-mail Address – International (EAI) is related
		- E-mail address with non-ASCII characters – somewhere
* UA-What does it look like? – Validation on Entry
	+ Validating TLDs on input produces false negatives
		- ‘New’ TLDs are different
			* Non-ASCII
			* More than three characters
			* Didn’t exist yesterday
		- E-mail addresses rejected
		- Browser interpret entry as a search string, not an address
* UA-What does it look like? - Storage
	+ Domains Addresses could be stored as 8-bit UTF-8 characters instead of the standard 7-bit ASCII
	+ Domains Addresses could be stored as Puny Code (xn--…) instead of Unicode.
	+ URLs vs IRLs – what’s to the Right of the “/” – and how is that stored?
	+ Transformation will need to be done on the way in and on the way out.
* UA-What does it look like? – Processing
	+ There are probably some network devices that have firewalls hard-coded for TLD validation.
	+ Browsers need to learn when an address is an address and when it is a search term.
	+ Other devices need to know that there are new TLDs, and that there are new ones being added every day. And that they are no longer all in ASCII. [Think about your clever photocopier that will e-mail your scanned document. Can it cope with an non-ASCII address?]
* UA-What does it look like? – Display
	+ Software needs to determine what it will display and under what circumstances.
		- Unicode or Punycode?
		- What if the device can’t display the characters?
		- What if a Unicode script is not installed?
	+ Should the community agree conventions?
* UA-What does it look like? - E-mails
	+ How are addresses treated?
	+ Are all Mail Servers compliant? Clients?
	+ What happens when mail encounters a non-compliant server or client?
	+ What happens when a list of addresses included EAIs and ASCII addresses?
	+ What happens when scripts are mixed? Particularly Arabic or Hebrew (Right to Left scripts)
* UA-Who’s doing something about it?
	+ Most major Internet browser and e-mail operations.
	+ Other vendors are also working on it.
	+ Universal Acceptance Steering Group
	+ IANA
* Universal Acceptance Steering Group
	+ Coordinators
	+ Topline & Technical Issues
	+ International
	+ Measurement and Monitoring
	+ Community Outreach
	+ UA General Discussion
* UA-Topline & Technical Issues
	+ Identifying most effective areas to focus
	+ Developing Definitions
	+ Developing Technical Specification for Solutions
	+ Developing Use Cases
	+ Defining UA Ready
* UA-International
	+ IDN focused
	+ EAI focused
	+ RFCs
* UA-Measurement & Monitoring
	+ Defining Success
	+ Building Test platforms
	+ Monitoring based on Definitions
	+ Building Knowledge Base
	+ Collating complaints
* UA-Community Outreach
	+ Slicing and dicing communities of interest
		- Geographic
		- Application
		- Industry
	+ Creating White Papers
	+ Ambassadorships
* UA-How can YOU help?
	+ Get involved
	+ Spread the word
	+ Test your own systems
	+ Advocate to your suppliers, governments, community leaders