Variant-Related Issues

Variant TLD Issues Project
Goal

Identify and agree on issues related to variants that should be included in the report
Variant-related issues

1) String-level issues
2) Alternate names
3) List of valid code points per script
4) Tool to derive variants from valid code points
5) Cross-script issues
Variant-related issues contd.

6) Possible actions on variants: block, reserve, allocate, etc.
7) Unicode issues
8) Application and OS issues
9) Dispute resolution processes
10) Lack of internationalized Whois
String-level issues

• Should string-level issues (e.g., synonyms, spelling alternatives, etc.) be considered variants in the root?

• 5 of the 6 teams said no in their reports
Alternate names

• Is a solution for alternate names needed?

• If so, we might need to include:
  — User expectations (end-user, sysadmin, registrant)
  — Implementation options (aliasing, parallel provisioning, other?)
  — Effects and considerations
Valid code points per script

• Do we have consensus on the need for this?

• If so, we might need requirements for:
  – A process to develop the lists
  – A process to update the lists
  – A process to add “Common” and “Inherited” characters
Tool to derive variants

• Do we have consensus on the need for this?

• It might imply:
  — A tool that works for all scripts
  — A process to define the accepted variants per script
  — A process to update it
Cross-script issues

• No intra-label script mixing by default
• Do we need a tool to prevent whole-script confusable TLDs?
• Inter-label script mixing (e.g., script1.script2.)?
Possible actions on variants

- Block
- Reserve
- Allocate
- Delegate (active)
- Alternate names (active)