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

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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.)?

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Possible actions on variants

- Block

- Reserve

- Allocate

- Delegate (active)

- Alternate names (active)