

IDN Variant Plenary: Definitions



Why These Definitions?

- Terms that have been the source of confusion
- Terms on which the other definitions depend

Why These Definitions?

- Considerable degree of precision
- Use terms as they're already defined elsewhere
- *One* set of common terms that everyone can use

Problems With These Defs

- Formalistic
- Maybe do not capture some ways terms are used elsewhere
- May be incomplete
- Start from assumptions that might not work for everyone

Useful Background

Unicode

- Fundamental part
- Chapters 1, 2, and 4 particularly useful to understand principles
 - <http://www.unicode.org/versions/Unicode6.0.0/>
- Tutorials worth considering
 - <http://www.unicode.org/standard/tutorial-info.html#TUS>

Useful Background

IDNA

- Significant change: IDNA2003 → IDNA2008
- RFCs to read (in this order):
 - 5894 (“Rationale”)
 - 5890 (“Defs”)
 - 5891 (“Protocol”)
 - 5892 (“Tables”)
 - 5893 (“Bidi”)

Useful Background

JET Guidelines

- Only rigorous working-out of Variants
- RFC 3743

Useful Background

RFC 3536bis

- IETF Applications Area Working Group document.
- Updated version as of 2011-06-09
- Follow it at
<http://tools.ietf.org/wg/appsawg/draft-ietf-appsawg-rfc3536bis/>
- Review and comment is helpful!

Especially Note These Terms

- Allocation and Delegation
- All the Variant meanings
 - e.g. Character Variant, Preferred Variant Label
 - Note that some of these operate on characters and others on labels!
- Language Character Repertoire