draft-ietf-iri-3987bis-11

Issues Overview

IETF 83, Paris
IRI WG Meeting
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Overview

• Overview/Background
• Issues Closed Since IETF 82
• Open Issues
• Requests for Review
Background

• IRI: Internationalized Resource Identifier, currently RFC 3987
• Internationalized (i.e. not-ASCII-only) version of URI (STD66, RFC 3986)
• Updating draft-ietf-iri-3987bis-11.txt
• List of open issues at: http://trac.tools.ietf.org/wg/iri/trac/report/1
• SVN revision log: http://trac.tools.ietf.org/wg/iri/trac/log/draft-ietf-iri-3987bis/draft-ietf-iri-3987bis.xml
IRI Examples

• http://بوابة.تونس
• http://ja.wikipedia.org/wiki/青山學院大学
Please Don’t Forget

• URIs/IRIs are a META-syntax
• Many pieces with different requirements get thrown together
• URIs/IRIs can be:
  – Absolute, complete from scheme to fragment id
  – Relative, just one or a few pieces
  – User-oriented (short, memorable)
  – Back-end (long, complicated)
Issues Closed since IETF 82

• Issue #5: Separate IRI from "presentation of IRI" as concepts
• Issue #13: fixes to IRI parsing algorithm for clarity (!?)
• Issue #26: disallow combining characters at start of a component
• Issue #27: do we need to say anything special about ZWNJ and ZWJ?
• Issue #88: A number of ABNF issues in 3987bis
• Issue #89: Pct-encoding of what? (what chars should be pct-encoded in IRIs)
• Issue #91: Mapping of <ireg-name>: preferred way?
• Issue #92: Sections 3.4 & 3.5 should be moved into Section 3.6 of 3987bis
• Issue #103: u+FFFE and u+FFFF missing in section 6
• Issue #104: Characters are still excluded from URIs
• Issue #105: recycle at Proposed or do not allow characters previously allowed
Open Issues: Cleanup

- Issue #14: update URI to IRI to match IRI to URI
- Issue #47: Practical length limits on IRIs or components thereof
- Issue #85: Align terminology in 3987bis with RFC 6365
- Issue #93: clarify which characters are disallowed vs. not recommended
Open Issues: Editorial

• Issue #119: Move some IANA-related text from 3987bis to 4395bis
• Issue #120: Make reference [Duerst97] accessible again.
• Issue #110: Format/wording changes for Additional Considerations (3.4.3)
• Plan for HTML/PDF versions with examples in non-ASCII characters: Please provide feedback
Please Help Reviewing

In particular:

• Section 5: Use of IRIs
• Section 7: URI/IRI Processing Guidelines (Informative)