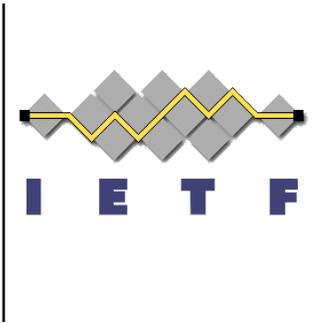


IRI WG IETF 83

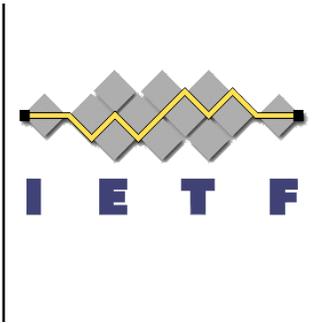


IRI Testing



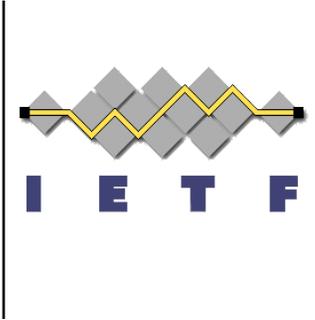
Benefits of testing

- Better understand IRI parsing and handling across implementations
- Note key differences and be able to talk about them



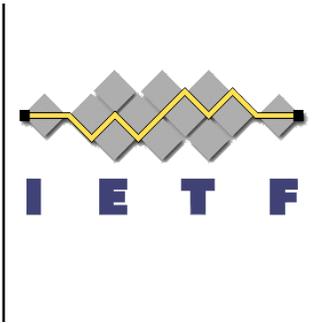
Current testing

- Currently have around 600 test cases
 - Combined from Webkit, Julian Reschke, Chris Weber, and other sources
 - Located at <https://github.com/cweb/iri-tests>
- Current testing methods
 - Test Web browsers via HTML
 - Observe IRI parsing results via DOM properties
 - Observe HTTP requests on the wire



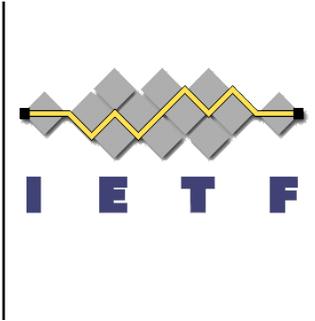
Current Issues

- No working group consensus on
 - Output format of test results
 - Testing targets
 - Testing methods



Defining testing Goals

- Does WG want to define goals? e.g.
 - To understand how IRIs are parsed into sub-components
 - To understand how IRIs are handled in common scenarios
 - Conversion to URI
 - Conversion from URI
 - To understand where implementations differ
 - To understand how bidi text in IRIs gets displayed in the UI
- Does WG want to define testing subjects? e.g.
 - Web browsers
 - Web servers
 - Frameworks and platform APIs



Call to Action

- Ideas to encourage collaboration among existing testers?