

The TOOLS Team

Talk overview

- ◆ Current work: Draft Submission Tool
- ◆ Coming work: Tool Priority List
- ◆ Team: More members needed

I-D Submission Toolset

- ◆ <http://www.ietf.org/internet-drafts/draft-ietf-tools-draft-submission-06.txt> :
- ◆ Goals
- ◆ Features
- ◆ Implementation stages
- ◆ Status and Plans

Goals

- ◆ reduce Secretariat involvement/overhead
- ◆ fast draft posting (seconds, not days)
- ◆ painless submission of most drafts
(at least as easy as it is today)
- ◆ consistency and reliability (limiting effects of "bad" submissions)
- ◆ collection of meta-information for other tools and humans

Features

- ◆ both web interface and email interface
- ◆ verification of access to submitter email
(weak, but better than what we have now)
- ◆ automated checking of many nits
- ◆ automated metadata extraction
- ◆ accepting XML sources and other legal formats
- ◆ manual (via Secretariat) posting mode as a last resort

Implementation Stages

- ◆ Trial: plain text format, core functions (45 days)
(frees Secretariat from handling at least 70% of the drafts)
- ◆ Production: XML and plain text formats (100 days)
(Secretariat handles only unusual drafts; other tools use metadata)
- ◆ Enhancements: other formats, bells and whistles

Status and Plans

- ◆ IETF call for comments until November 24th (please review!) <http://www.ietf.org/internet-drafts/draft-ietf-tools-draft-submission-06.txt>
- ◆ Publish as an Informational(?) RFC after addressing review comments
- ◆ Implement the Trial stage
- ◆ Launch

Upcoming work

- ◆ Tool Priority List available at
<http://tools.ietf.org/wiki/ToolPriorityList>
- ◆ Please comment on the mailing list:
tools-discuss@ietf.org
- ◆ ... summary follows here:

1.

Web interface for WG Status updates (IESG, Secretariat, Chairs)

This Web-based system will allow the WG chairs to manage their WG information directly. ADs will be able to approve the "to-be-updated information," where required, via a password protected Web interface.

2.

IETF Meta-information (Tool Builders)

This covers at least information about IETF documents, participants, tasks, events. Most likely to stored in XML files and/or some kind of databases. We need to document what info is maintained/available.

3.

Components needed by multiple tools (Tool Builders)

This is a matter of identifying common tool infrastructure, such as for instance the email return verification provided by e.g. TMDA, and propose solutions which can be used/useful for multiple IETF tools, preferably in the form of existing open-source offerings

4.

WG Meeting scheduler (IESG, Secretariat, Chairs)

This Web-based application will allow WG chairs, ADs, and the Secretariat to perform all tasks required to generate meeting schedules and agendas. All meeting requests will be submitted directly to the database (with AD approval, if required). A tentative meeting schedule will be generated based on the requested meeting sizes, times, dates, and conflicts to avoid, and the Secretariat will be able to modify the schedule, as needed. Finally, the application will generate a Web page where the WG chairs can submit their agendas. The Secretariat will create all three versions of the agenda (i.e., Word, text, and HTML) at the same time using this application.

5.

Draft status pages - revs, diffs, comments - (WGs, Chairs, Authors)

This would provide draft status pages for all drafts of the kind currently provided for a limited number of workgroups on <http://ietf.levkowetz.com/drafts/> - see for instance the 6to4-security draft page under the v6ops drafts area

6.

WG pages, available to all WGs: (WGs, Chairs)

- Issue tracker, mailing list integration
- Wiki
- Collaboration pages
- List traffic summary

This would make a set of commonly used tools routinely available for all workgroups, and provide an interface to automatically set up and configure the set of tools for a new workgroup. Optionally, the creation of the set of tools for a new workgroup could be fully automatic, triggered by the appearance of meta-information about the new workgroup.

7.

Notification service - "mail me when this
draft/charter changes"

(Community)

This provides a selective notification mechanism for general use,
complementing the i-d-announce list

8.

Html-ized WG agendas (IETF meeting attendees)

This transforms ASCII format WG agendas, as currently provided for the meetings, so that references to drafts, RFCs and URLs are rendered as HTML links, easily clickable by both those who prepare for a WG meeting, and those who browse the agenda while in a meeting

9.

I-D tracker extended for use by Chairs (Chairs, Authors, Secretariat)

This would add new states to the I-D tracker, describing the state of drafts while still being in the hands of WGs. This tool would include an interface with restricted write capability, for use by WG chairs to update the draft status to reflect the WG work.

10.

Publication request tool (Secretariat, Chairs, Authors)

This tool will allow the users to make requests to the IESG to publish existing IDs as RFCs. The IDs will be checked against the ID-nits, and if passed, the IDs will be automatically added to the ID Tracker, and the ADs and Secretariat will be notified.

11.

RSS/Atom feeds for new IDs, RFCs, WGs, ... (Tool Builders)

This tool will generate RSS and Atom feeds (notifications) from the XML meta-information available for IDs, RFCs, WGs, etc., and provide a standardized alternative to the current i-d-announce and ietf-announce mailing lists. This format will make it possible for individuals and tool-builders to interface in a well-defined way with information from the ietf standards process.

12.

Tools for proposed WGs / BOFs (Community)

This would provide tools similar to those provided for workgroups, but do so for BOFs and proposed workgroups, with a public interface for setting up such areas.

More team members are needed!

- ◆ If you are interested, talk to Henrik or send a mail to tools-team@ietf.org
- ◆ If you know somebody you think should be on the team, talk to them, email us, or both :~)