Sieve Drafts

Ned Freed
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draft-freed-sieve-date-index-08

- Date extension - test date/time values
  - date test - header fields containing date/time information
  - currentdate test - tests current date/time
- Index extension - limit header and address tests to specific instances among repeated fields
- No open issues, ready for last call
draft-freed-sieve-ihave-01

- Allows construction of scripts that take advantage of extensions but can still run when an extension isn’t available
- ihave test - returns true and enables extension(s) if available
- error action - signals an error and aborts
- No open issues, ready for last call
environment test provides access to information about the environment where the Sieve interpreter is running

Defines initial set of standardized environment items

Additional standardized items must be defined in standards-track or experimental RFCs

Vendor defined items have “vnd.” prefix, registered with IANA on a first-come-first-served basis
Initial Environment items

- "domain" Primary DNS domain associated with the Sieve execution context
- "evaluation-time" When sieve processing is being performed. Possible values are "MTA", "MDA" and "MUA"
- "host" The fully-qualified domain name of the host where the Sieve script is executing
- "name" product name associated with the Sieve interpreter.
- "remote-host" Host name of remote SMTP client
- "remote-ip" IP address of remote SMTP client
- "version" The product version associated with the Sieve interpreter
Open issues

- Is the initial set of environment items complete/correct?
- Is the registration model for environment items correct?
draft-freed-sieve-in-xml-01

- Defines an XML representation for Sieve scripts
- Intended to facilitate manipulation of Sieve using XML tools, not intended to replace existing representation

- Open issues
  - Representation of comments in XML
  - Relax NG grammar
  - Perl Sieve to XML converter