JMAP Sieve

draft-murchison-jmap-sieve-01
Ken Murchison
What is it?

• A JMAP-based protocol for managing Sieve scripts
• The current design maps ManageSieve (RFC 5804) functionality onto JMAP
Current design

• The accountCapabilities object includes a list of the supported Sieve extensions and any other pertinent information

• A SieveScript object represents a single script with the following properties:
  ○ id (Id): The server-set, immutable id of the script
  ○ Name (String): The user-visible name for the script
  ○ content (String): The Sieve code in the script
  ○ isActive (boolean): Is this the user’s active script?
Current design

• SieveScript/get: Provides similar functionality to the GETSCRIPT and LISTSCRIPT (if ids argument is null) commands
• SieveScript/set: Provides similar functionality to the PUTSCRIPT, DELETESRIPT, RENAMESRIPT, and SETACTIVE commands
• SieveScript/validate: Provides similar functionality to the CHECKSCRIPT command
Possible additions/changes

• Do we need HAVESPACE functionality?
• SieveScript/query: Filter and/or sort on name and/or isActive
• SieveScript/test: Takes a script id and an email id and returns the set of actions that would be taken
• Use blobIds to reference script content rather than using a string argument?
Possible additions/changes

• Only allow isActive to be [un]set outside of SieveScript/set{create|update}
  ○ Add a onSuccessActivateScript argument to SieveScript/set?
  ○ Use a SieveConfig/set{update} method?
Next Steps

• Is there enough interest to adopt this into a WG?
• If yes, does this belong in EXTRA or JMAP?