Regular Expressions for Internet Mail

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DISPATCH – IETF 103
How hard can this be?

- Web forms all accept mail addresses
  - They all use regexes to validate the addresses
  - The regexes are all ad-hoc and wrong

- draft-seantek-mail-regexen
  - Correct regexes for ASCII and EAI
  - Where to publish them to get people to use them?
E-mail Authentication for Internationalized Mail

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EAI and mail authentication

• Nothing hard, just do it consistently
  • Some RFCs have old ill-informed guesses

• draft-levine-appsarea-eaiauth

• Update SPF to handle UTF-8 addresses
  • Implemented

• Update DKIM to handle UTF-8 addresses
  • Also implemented

• Update DMARC to handle UTF-8 addresses

• How to progress this?