EAI address syntax

- draft-ietf-mailmaint-interoperable-addresses-01
- draft-ietf-mailmaint-smtputf8-syntax-01

Quick overview

- One document defines a minimal syntax, just enough to match requests for human addresses
  - Mostly for provisioning
- One document defines a larger, simpler syntax, but risk-free, even for unicode non-experts
  - e.g. for checking before rendering incoming mail

Work done since IETF 121

- Very little
- One implementation ongoing
- More outreach/research

Problems discovered

- Four TLDs allow RTL subdomain in LTR TLD
  - Two by design
  - Two by not forbidding it
- Length limits have been requested
- Accents are necessary for some scripts, but perhaps harmful for others

Open issues

- Still don’t know which character repertoire is best
  - LGR, matching the domain
  - UAX31 and PRECIS IdentifierClass
- Accents and length limits for localparts