

StringPrep/SASLPrep/... update

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From email by Nico Williams and Joe
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Issues/Possible requirements

- Independent of a particular version of Unicode
 - Algorithm described using Unicode properties + [possibly] some small set of exceptions
 - Failing that, a mechanism to update to new Unicode versions with a relatively small amount of standards and implementation work. Or at least update to a more modern version of Unicode.

Issues/Possible requirements

- Backward compatibility with RFC 4013/
RFC 3454 ?
- NFKC? Move to NFC or NFD?
- Multiple normalization profiles (possibly negotiable) ???
- Query strings should be un-normalized ?
- Comparisons to storage strings should be normalization-insensitive ?