Chatroom Nicknames

draft-saintandre-precis-nickname-00

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A New Customer

- Issue arose from AppsDir review of draft-ietf-simple-chat
- No text about internationalization of chatroom nicknames
- We have similar issues in XMPP
- Decided to join forces
Goals & Requirements

- Allow "creative" characters in nicknames for SIP/MSRP and XMPP chatrooms
- Try to minimize confusion, but don't try to solve the problem of confusable characters
- Nicknames can be used for authorization purposes (prevent nick conflicts, kick users, add/remove moderator privileges, etc.)
Approach

- Re-use the PRECIS FreeClass
- Map non-ASCII spaces to SP
- Map uppercase and titlecase to lowercase
- Apply Unicode normalization form KC
- Use the Bidi Rule from RFC 5893