# 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

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# 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.)

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# 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

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