

# Change Password and Forgot Password

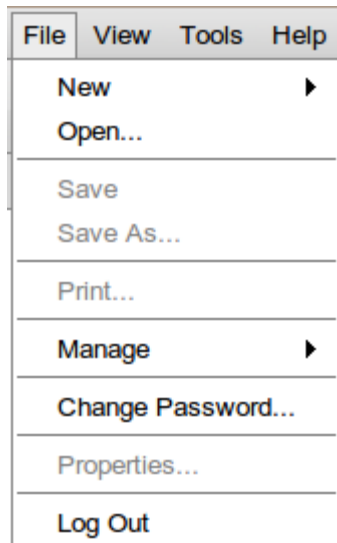
- Change Password Design

- Spring Security provides UserDetailsManager as of v2
- UserDetailsManager extends UserDetailsService
- UserDetailsManager provides “write” methods
- UserDetailsManager has two implementations: JDBC and LDAP
- I added a third: one based on “default” back-end
- Same UserDetailsManager used both to create sample users and change passwords
- Salting (best practice)

- Forgot Password Design

- Email is not used during the reset; it is not secure; it is used only after password has been changed as an informational “your password has been changed”; if user did not change his password but gets an email, he now knows his account is compromised
- Security questions are typically weaker than passwords; having two increases difficulty of attack
- Security answers are also salted and encoded

# Demo :)



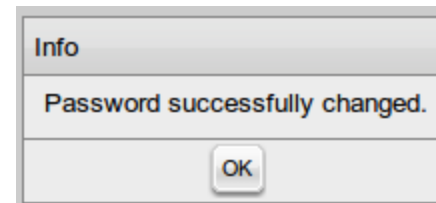
Change Password

Old Password

New Password

Confirm New Password

OK Cancel



🔑 USERNAME	PASSWORD
admin	cc51c1be7ec1052f7120b98e7c7ae88b
joe	836642904875c1fce1e6f1d42e3e379f
pat	ea1fd41ec76e43a62895e7a0e664aeb7
suzy	c3cb9c62f99377378879b02d9cb1868d
tiffany	a73b76cfa229ffe3e88e1f10a5ae0ab2