

## DecentralizedMarketPlace

- + address Owner
- + address[] entitiesAddress
- + struct UserDRR
- + struct EntityDRR
- + struct AppDRR
- + struct ApiDRR
- + mapping (address => UserDRR) userDrrMap
- + mapping (address => string) userEnsMap
- + mapping (address => EntityDRR) entityDrrMap
- + mapping (address => string) entityEnsMap
- + mapping (address => AppDRR) appDrrMap
- + mapping (address => string) appEnsMap
- + mapping (address => ApiDRR) apiDrrMap
- + mapping (address => string) apiEnsMap
- + string[] usernames
- + string[] entityNames
- + string[] appNames
- + string[] apiNames
- + address[] entityKeys

- + registerUser()
- + updateUser()
- + registerEntity()
- + addUserToEntity()
- + removeUserFromEntity()
- + getUserDetails()
- + registerUsername()
- + registerEntityname()
- + authenticateUser()
- + getEntityDetails()
- + registerApp()
- + registerApi()
- + registerAppName()
- + registerApiName()
- + compareStrings()
- + kill()