Given there is no RepositoryManager instance
When call Initialize method
Then create new RepositoryManager instance

Given there is RepositoryManager instance
When call Initialize method
Then return existing RepositoryManager instance

Given itemName = "foobar"
and itemContent = "{"foo":"bar"}"
and itemType = 1
When call Register method
Then create Repository object
and save into repoMap

Given itemName = "foobar"
and itemContent = "<xml><foo value="bar"/></xml>"
and itemType = 2
When call Register method
Then create Repository object
and save into repoMap

Given itemName = "foobar"
and itemContent = "{"foo":"bar"}"
and itemType = 2
When call Register method
Then throw Exception

Given itemName = "foobar"
and itemContent = "<xml><foo value="bar"/></xml>"
and itemType = 1
When call Register method
Then throw Exception

Given itemName = null
or itemContent = null
or (itemType != 1
and itemType != 2)
When call Register method
Then throw exception

Given itemName = "foobar"
and repoMap has key "foobar"
When call Register method
Then throw exception

Given itemName = "foobar"
and repoMap has key "foobar"
When call Retrieve method
Then return itemContent

Given itemName = "foobar"

and repoMap doesn't have key "foobar"
When call Retrieve method
Then throw exception

Given itemName = "foobar"
and repoMap has key "foobar"
When call GetType method
Then get Repository
and call getType

Given itemName = "foobar"
and repoMap doesn't have key "foobar"
When call GetType method
Then throw exception

Given itemName = "foobar"
and repoMap has key "foobar"
When call Deregister method
Then remove entry

Given itemName = "foobar"
and repoMap doesn't have key "foobar"
When call Deregister method
Then throw exception