



### Leveling Attributes:

X=level	Strength	Dexterity	Intelligent
Mage	x	x	5x+3
Ranger	x	5x+2	x
Rogue	x+1	4x+2	x
Warrior	3x+2	2x	x

**Equipment: <slot,item>**

**Initialize: <slot,NULL>**

Allowed	Weapons	Armors
Mage	Staff, wand	Cloth
Ranger	Bow	Leather, mail
Rogue	Dagger, sword	Leather, mail
Warrior	Axe, hammer, sword	Mail, plate

**Invalid Exeption:** Equip Item not allowed or Level < RequiredLevel

-> InvalidWeaponException or InvalidArmorException

### TotalAttributies

Total = LevelAttributes + (sum of ArmorAttribute for all Armor Equipment)

### Heroes damage

Damage = max(1,WeaponDamage) \* (1+DamageAttribute/100)

### DamageAttribute

**Warrior:** Strength **Mage:** Intelligence **Ranger:** Dexterity **Rogue:** Dexterity

### Hero Display (string builder)

Name, Class, Level, Total Strength, Total Dexterity, Total Intelligence, Damage