```
SoilAnalyzer::Soil
  + BW
  + Intensity
  + LAB
  + RGB
  + RI
  + Edae
  + version
  + TimeTaken

    + TimeAnalyzed

  + Location
  + ID
  # OptimizedInt
  + Soil()
  + ~Soil()
  - serialize()
SoilAnalyzer::Particle
+ Analysis
+ Particle()
+ ~Particle()
+ Save()
+ Load()
```

+ Analyze()
- serialize()