RadioMobile.pm

- **RadioMobile**
  - file
  - header → **RadioMobile::Header**
  - config → **RadioMobile::Config**
  - units → **RadioMobile::Units**
  - systems → **RadioMobile::Systems**
  - nets → **RadioMobile::Nets**
  - netsunits → **RadioMobile::NetsUnits**
  - Class::Container

RadioMobile/Header.pm

- **RadioMobile::Header**
  - version
  - networkCount
  - unitCount
  - systemCount
  - Class::Container
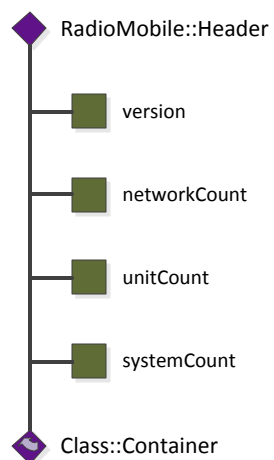
RadioMobile/Config.pm

RadioMobile::Config

- stylenetworkproperties → RadioMobile::Config::StyleNetworksProperties
- pictures → RadioMobile::Config::Pictures
- mapfilepath
- landheight
- new
- parse_mapfilepath
- parse_stylenetworks
- parse_landheight
- Class::Container
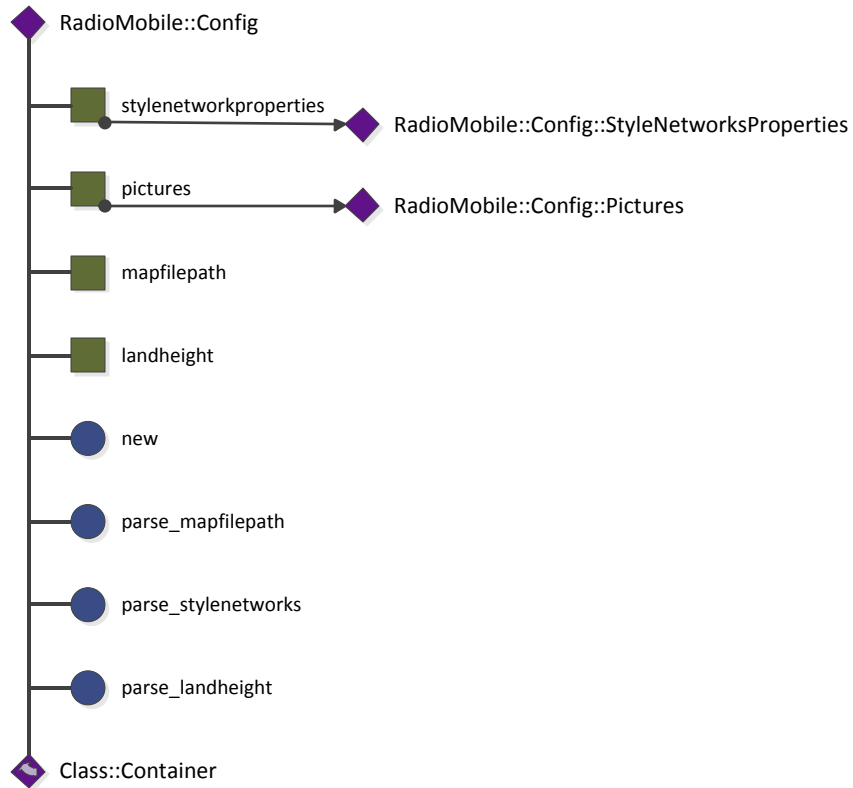
RadioMobile/Config/StyleNetworksProperties.pm

RadioMobile::Config::StyleNetworksProperties

- drawRed
- rxYellow
- drawYellow
- rxGreen
- drawBg
- twoRay
- twoRayType
- Class::Container
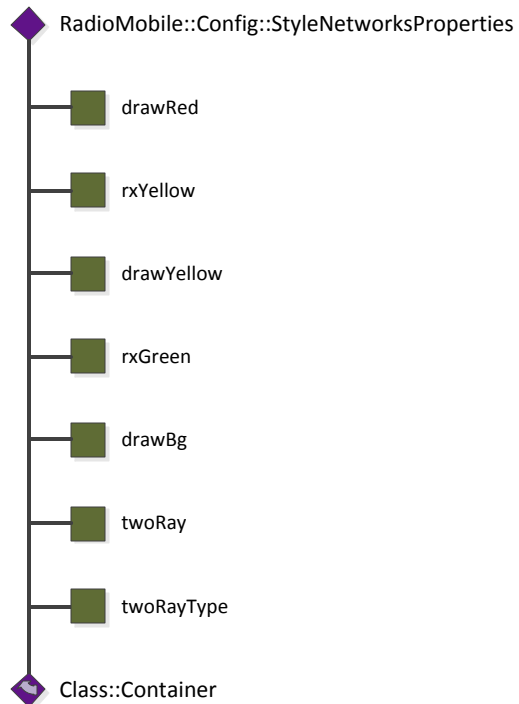
RadioMobile/Config/Pictures.pm

RadioMobile::Config::Pictures

- parse
- dump
- Class::Container
- Array::AsObject
- at(idxPicture)
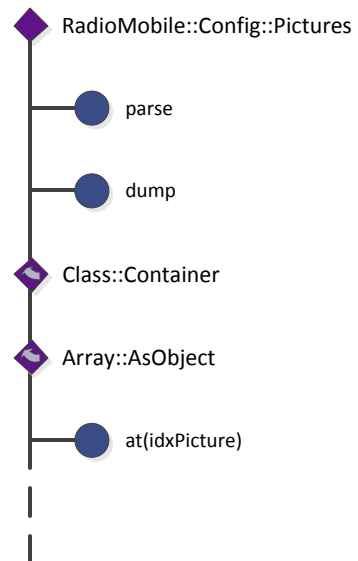
RadioMobile/Units.pm

◆ RadioMobile::Units

● parse()

● dump()

◆ Class::Container

◆ Array::AsObject

● at(idxUnit) ⟶ ◆ RadioMobile::Unit
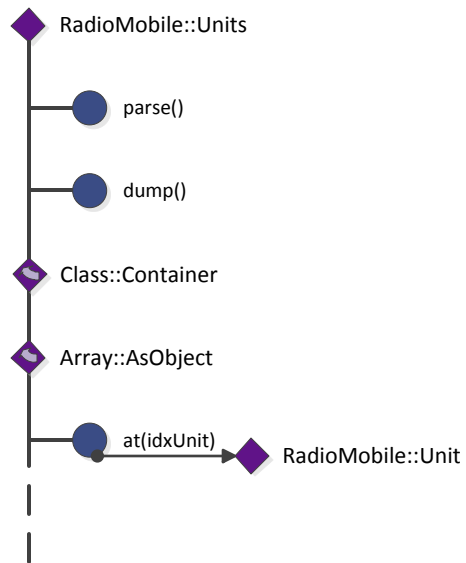
RadioMobile/Unit.pm

◆ RadioMobile::Unit

■ lon

■ lat

■ h

■ enabled

■ transparent

■ forecolor

■ backcolor

■ name

■ icon

■ unknown1

◆ Class::Container
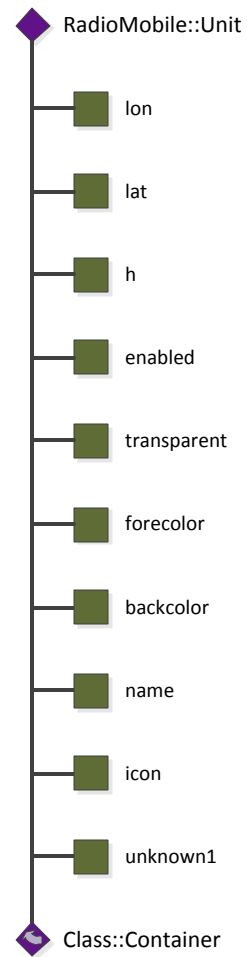
RadioMobile/Systems.pm

RadioMobile::Systems
- parse()
- dump()

Class::Container

Array::AsObject
- at(idxSystem) → RadioMobile::System
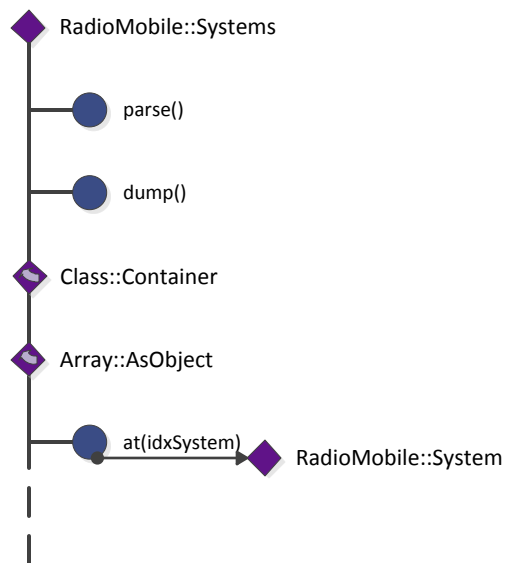
RadioMobile/System.pm

RadioMobile::System
- tx
- rx
- loss
- ant
- h
- name
- cableloss
- antenna

Class::Container
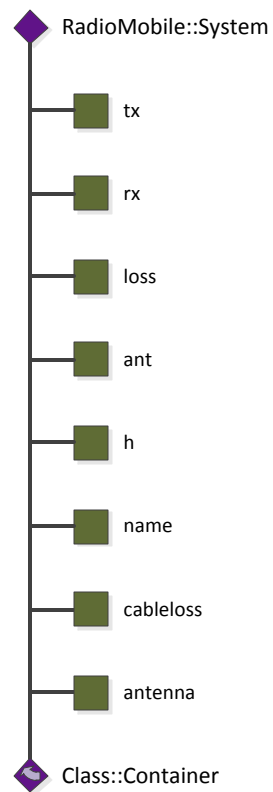
RadioMobile/Nets.pm

◆ RadioMobile::Nets

● parse()

● dump()

● reset()

◆ Class::Container

◆ Array::AsObject

● at(idxNet) ──→ ◆ RadioMobile::Net
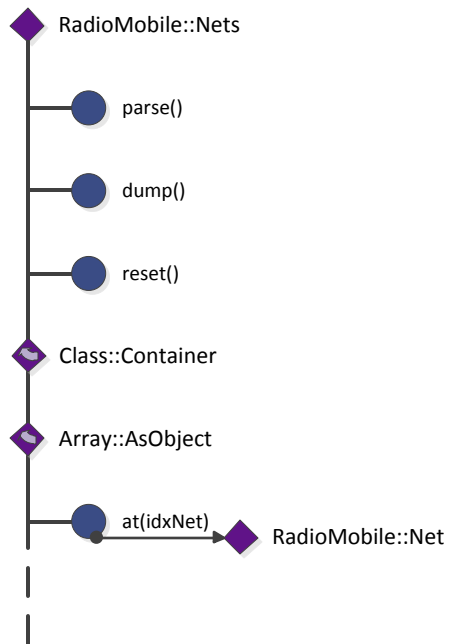
RadioMobile/Net.pm

◆ RadioMobile::Net

■ minfx

■ maxfx

■ pol

■ eps

■ sgm

■ ens

■ climate

■ mdvar

■ time

■ location

■ situation

■ hops

■ topology

■ name

■ unknown1

◆ Class::Container
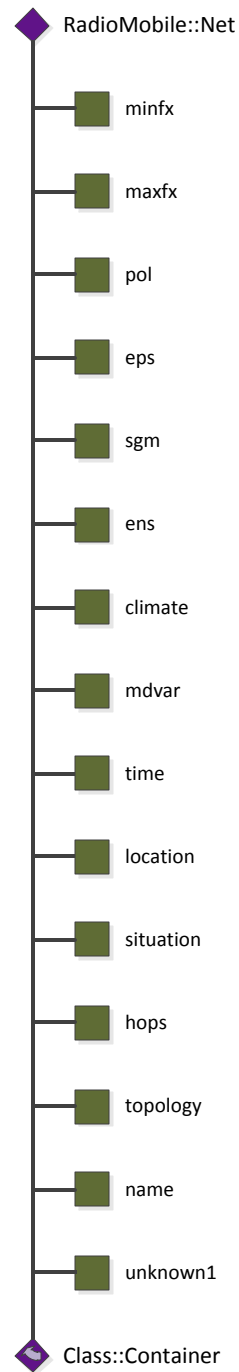
RadioMobile/NetsUnits.pm

- **RadioMobile::NetsUnits**
  - parse()
  - dump($method)
  - reset()
- **Class::Container**
- **RadioMobile::Utils::Matrix**
  - at(idxNet,idxUnit) → **RadioMobile::NetUnit**
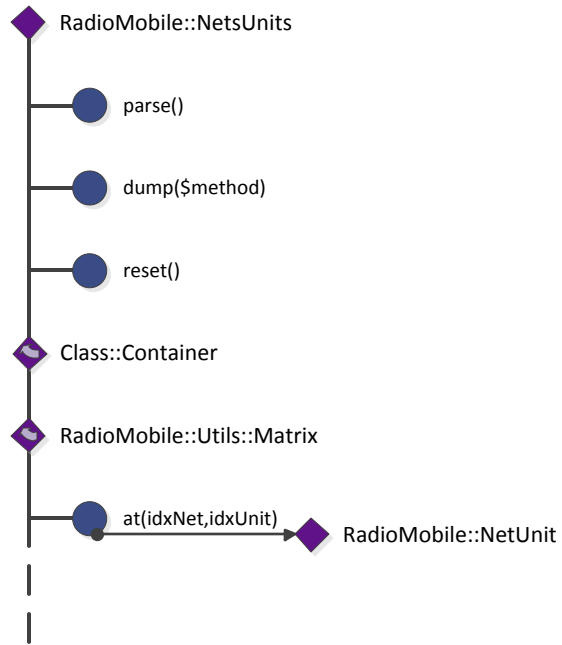
RadioMobile/NetUnit.pm

- **RadioMobile::NetUnit**
  - unit → **RadioMobile::Unit**
  - net → **RadioMobile::Net**
  - isIn
  - role
  - system → **RadioMobile::System**
  - height
  - azimut
  - direction
  - elevation
  - new()
  - dump()
  - reset()
  - Method
- **Class::Container**

RadioMobile/Utils/Matrix.pm

◆ RadioMobile::Utils::Matrix

- ■ length
- ■ size ─────────────→ ✦ ARRAY
- ■ rowsCount
- ■ colsCount
- ● new($rows,$cols)
- ● at($idxRow,$idxCol,$value) ─────→ ◆ Array::AsObject
- ● setRow($idxRow,@row)
- ● addRow(@row)
- ● setCol($idxCol,@col)
- ● addCol(@col)
- ● getRow($idxRow) ─────────────→ ✦ ARRAY
- ● getCol($idxCol) ─────────────→ ✦ ARRAY

◆ Class::Container

Array::AsObject

◆ Array::AsObject

- ■ length
- ● at($idx)
- ● exits(@array)
- ● first
- ● last
- ● index($arrayref)
- ● is_empty
- ● list
- ● clear
- ● delete($all,$undef,@val)
- ● delete_at($undef,@idx)
- ● pop()
- ● shift()
- ● push(@list)
- ● unshift(@list)