C

OME-TOP

0 - ∞

Image

0 - ∞

Instrument

1 - 1

Pixels

1 - ∞

Channel

0 - 1

ObjectiveSettings

1 - 1

Objective Settings Values

CorrectionCollar

Medium

RefractiveIndex

0 - 1

LightSourceSettings

1 - 1

LightSource Settings Values

Attenuation

Wavelength

0 - 1

DetectorSettings

1 - 1

Detector Settings Values

Offset

Gain

Voltage

Zoom

ReadOutRate

Binning

Integration

0 - 1

0 - 1

LightPath

0 - 1

DichroicRef

0 - ∞

ExicitationFilterRef

0 - ∞

EmissionFilterRef

FilterSetRef

P

OME-TOP

0 - ∞

To Merge
- **Image**
- **Pixels**

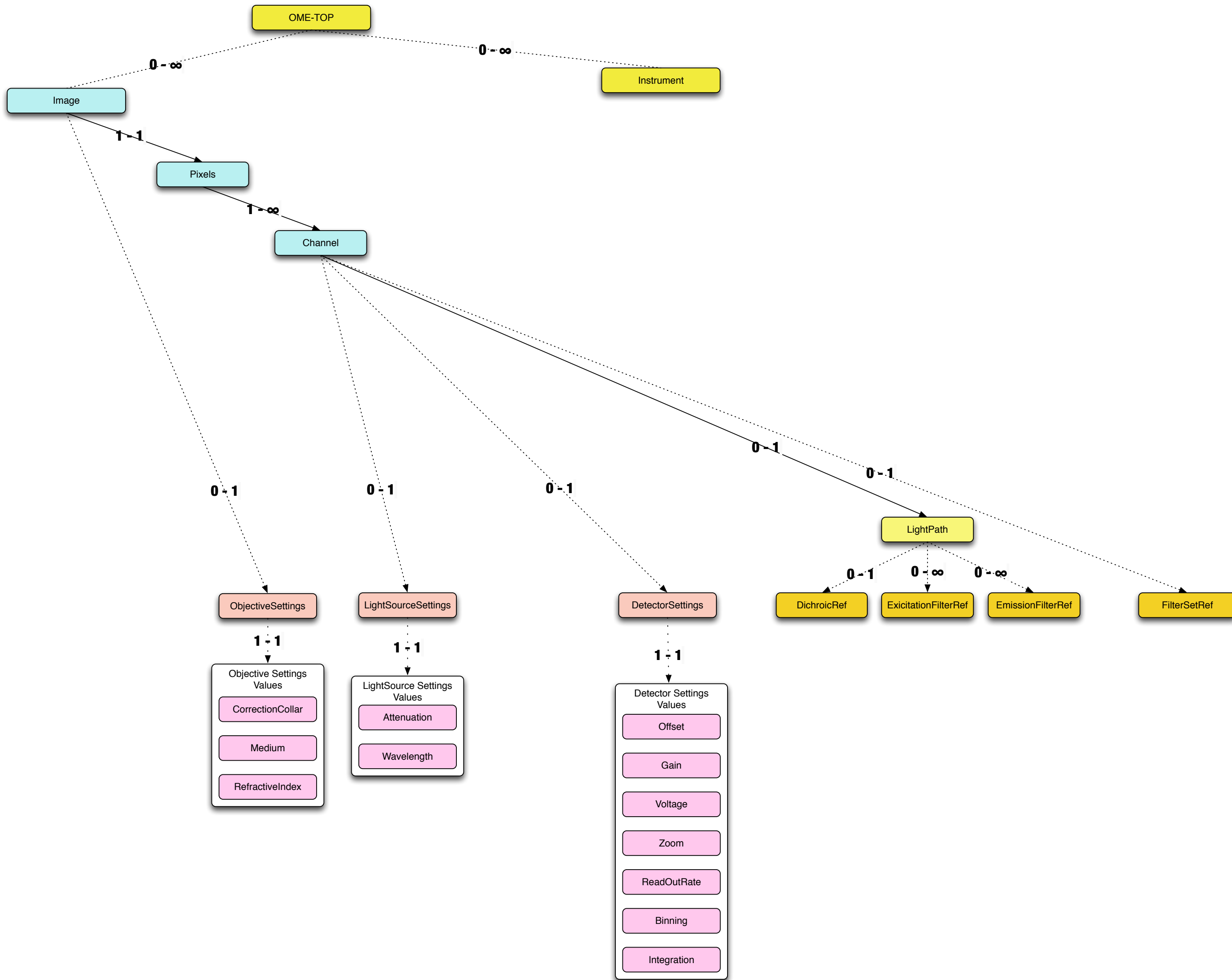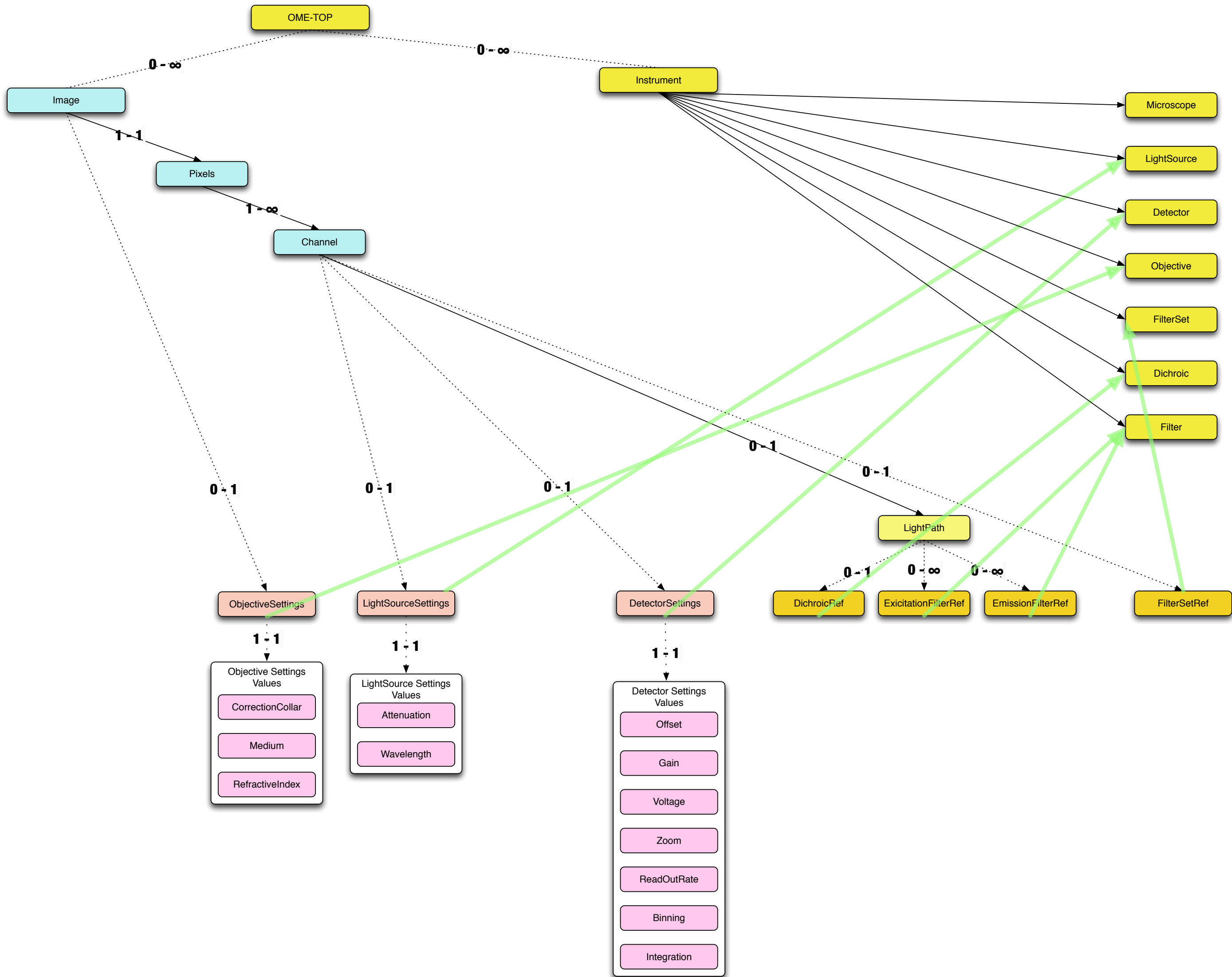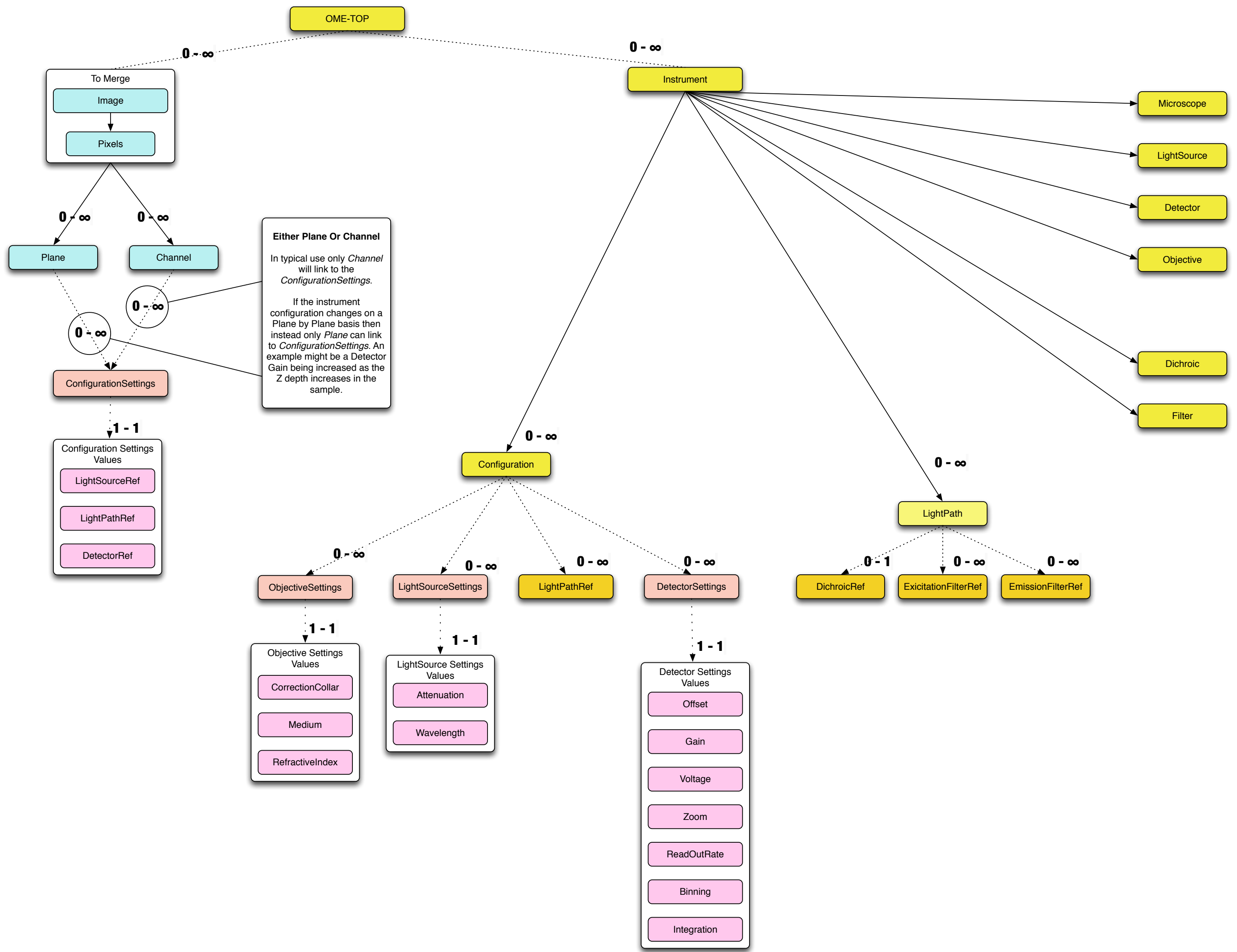*0 - ∞*   *0 - ∞*

Plane   **Channel**

Either Plane Or Channel

In typical use only *Channel* will link to the *ConfigurationSettings*.

If the instrument configuration changes on a Plane by Plane basis then instead only *Plane* can link to *ConfigurationSettings*. An example might be a Detector Gain being increased as the Z depth increases in the sample.
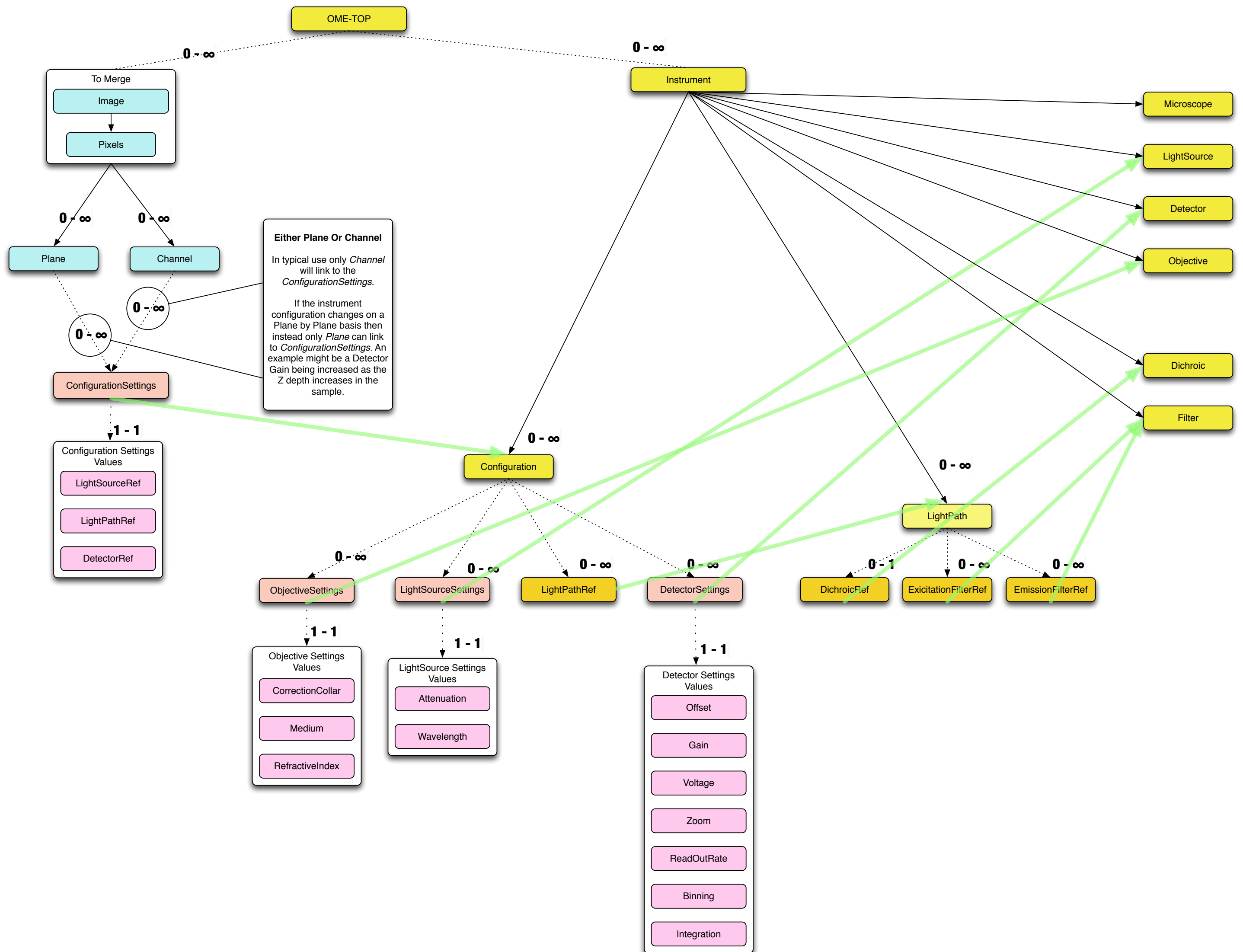
0 - ∞

0 - ∞

ConfigurationSettings

1 - 1

Configuration Settings Values
- LightSourceRef
- LightPathRef
- DetectorRef

0 - ∞

Instrument

- **Microscope**
- **LightSource**
- **Detector**
- **Objective**
- **Dichroic**
- **Filter**

0 - ∞

Configuration

0 - ∞   *0 - ∞*   *0 - ∞*   *0 - ∞*

ObjectiveSettings   **LightSourceSettings**   **LightPathRef**   **DetectorSettings**

1 - 1

Objective Settings Values
- CorrectionCollar
- Medium
- RefractiveIndex

1 - 1

LightSource Settings Values
- Attenuation
- Wavelength

1 - 1

Detector Settings Values
- Offset
- Gain
- Voltage
- Zoom
- ReadOutRate
- Binning
- Integration

0 - ∞

LightPath

0 - 1   *0 - ∞*   *0 - ∞*

DichroicRef   **ExicitationFilterRef**   **EmissionFilterRef**