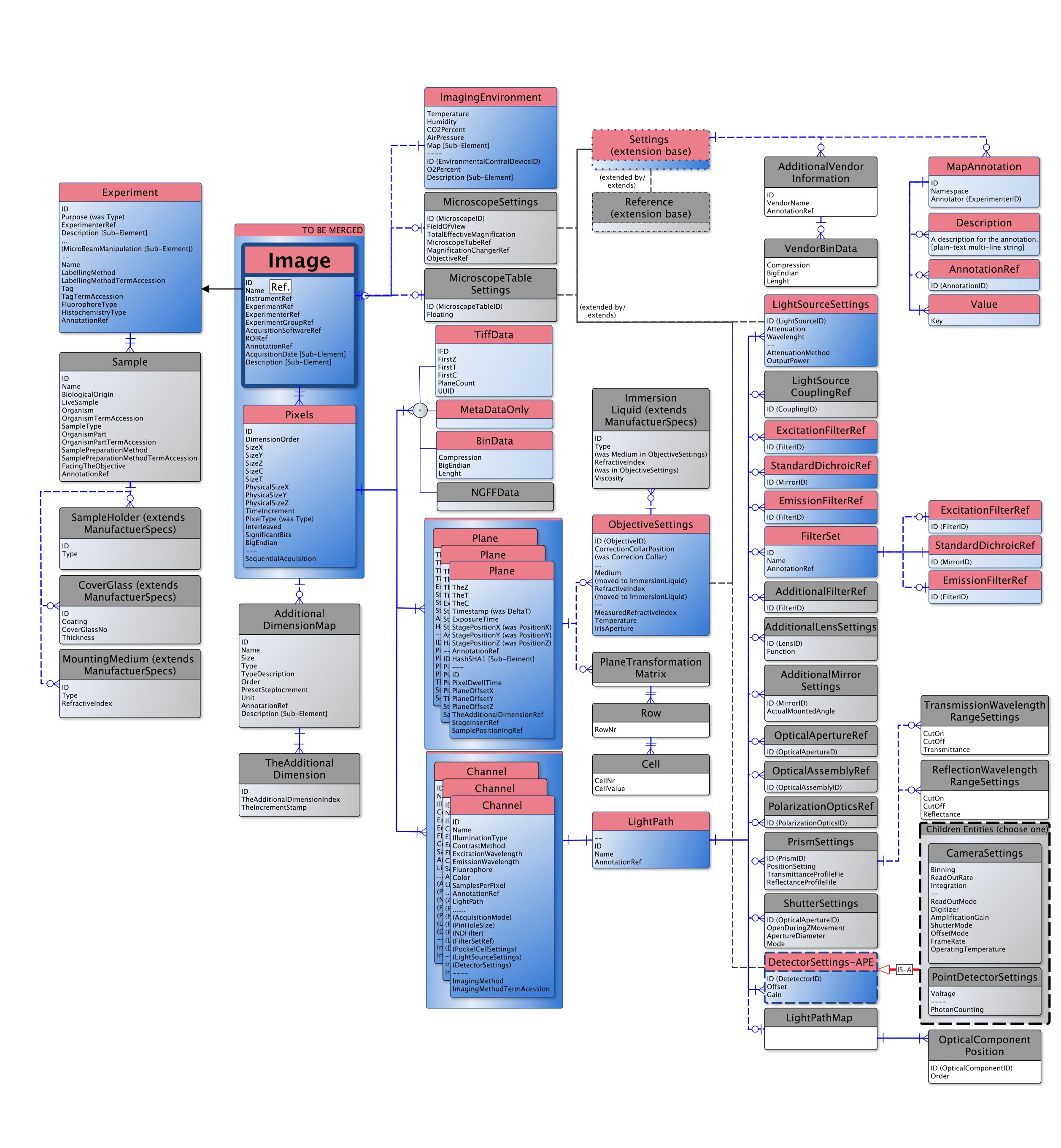
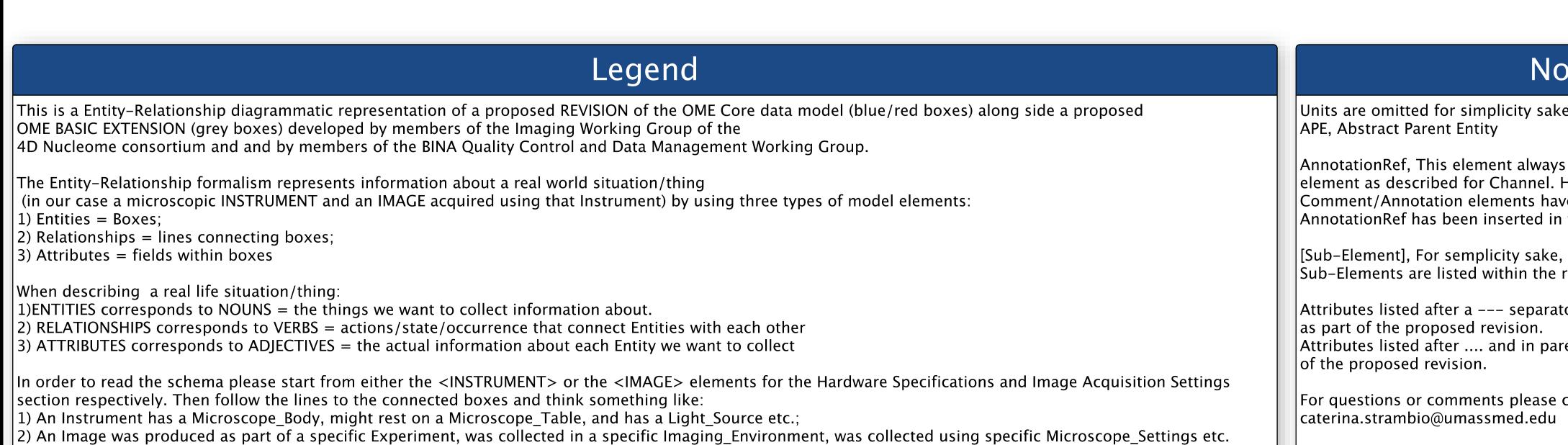
MICROSCOPE HARDWARE lluminationWavelength Specifications PeakWavelength | WavelenghtProfileFile [Sub-Element] IlluminationWavelengt ______ Children Entities (choose one) | PeakWavelength | WavelenghtProfileFile [Sub-Element] Filament **IlluminationWavelengt** GenericExcitationSource ______ MicroscopeStand-APE MapAnnotation [Sub-Element] **┼**← IlluminationPower PeakWavelength (was Microscope) Laser WavelenghtProfileFile [Sub-Element] Upright LaserMedium IsPumped RepetitionRate ProjectionAngle EnvironmentControl EyepieceFieldNumber FrequencyMultiplication IlluminationWavelengt MicroscopeTable (PockelCell) IlluminationPower CO2Control LaserClass PeakWavelength IsPump Position - - - VibrationControl PulseDuration WavelenghtProfileFile [Sub-Element] Acousto-OpticalDeviceRef MinTemperature WavelengthRange |TemperatureAccuracy StageInsert PeakWavelength MultiLaserEngine WavelenghtProfileFile [Sub-Element] SingleMode NumberOfLasers TemperatureControlled _____ FilterRef AnnotationRef MultiportSwitchTime Children Entities Laser [Sub-Element] ID (FilterD) Children Entities (choose or _____ Children Entities (choose on Positioning-APE MechanicalStage ID (LensID) LightGuide MirroringDeviceRef (YMaxVelocity PiezoelectricStage > XTravelRange ID (MirroringDeviceID) **Α** RefractiveIndex YTravelRange NumericalAperture ZRepetability CouplingLensRef AcceptanceAngle ZTravelRange ■AnnotationRef Geometry ID (OpticalApertureID) **■ ZPositionLinearityError** Children Entities MaterialName ZSettlingTime SingleMode OpticsHolderRef FocusingDevice-APE (choose or WaveguideMode Objective **MovementAxes** Diameter ID (OpticsHolderID) StageType RotationAngle ObjectiveTurret FreeBeam ImmersionType PolarizationOpticsRef ZDrive Focusing Correction DirectMount ID (PolarizationOpticsID) Magnification MountType CalibratedMagnification **_____**___ FocusStabilizationDevice IndividualObjective PrismRef WorkingDistance Focusing _____ ID (PrismID) Children Entitie Mechanism ExcitationFilterRef BeamExpander ID (FilterID) Wavelength AnnotationRef Configuration StandardDichroicRef CorrectionCollar (was DichroicRef) Publication ---------Collimator orrectionCollarType ID (MirroringDeviceID) EmissionFilterRef Condenser kFocalLenght Launguage AnnotationRef ID (FilterID) ExcitationFilterRef MicroscopeTube ID (FilterID) MechanicalLength StandardDichroicRef hildren Entities (choose one) OpticalAperture-APE ID (MirroringDeviceID) (extension base) EmissionFilterRef DarkFieldStop Manufacturer ID (FilterID) CenterStopDiameter CatalogNumber FilterCube ID (FilterCubeID) SpecsFile OpticsHolderPosition IrisDiaphragm FilterCubeRef FilterSlider ID (FilterCubeID) _____ **MapAnnotation** MaxApertureDiameter OpticsHolder-APE Information PhaseRing _____ ExcitationFilterRef FilterCubeTurret Namespace ID (FilterID) Annotator (ExperimenterID) VendorName Name NrOfSlots CenterStopDiameter AnnotationRef SlitWidth FilterWheel StandardDichroicRef MirroringDeviceRef FilterCube Description AnnotationRef VarelRing ID (MirroringDeviceID) ID (MirroringDeviceID) A description for the annotation. VendorBinData OpticsTurret [plain-text multi-line string] EmissionFilterRef LensRef Shutter Compression ID (FilterID) AnnotationRef ID (LensID) _____ Lens-APE ■ Function ID (AnnotationID) PrimsRef PolarizationOpticsRef ResponseTime Children Entities (choose on ______ Value ID (PrismID) MaxApertureDiameter ID (PolarizationOpticsID) ExcitationFilter Magnification FilterHolderPosition (was FilterWheel) OpticalApertureRef Children Entities RefractiveIndex ID (OpticalApertureID) EmissionFilter WorkingDistance CoatingMethod (choose on LightPathLocation Composite TransmittanceRange Technology Geometry agnificationChange NeutralDensityFilter AttenuationCoefficient AttenuationCoefficient (deprecated: CutIn, CutOut, ImageDistance ObjectDistance CutInTolerance, CutOutTolerance) Transmittance Thickness FrontFocalLength GenericLens BackFocalLenght Wavelenght Polarization [Sub-Element] GenericFilter FWHMBandwidth AbbeNumber RadiusOfCurvature BeamExpanderLens TransmittanceRange ______ MaterialName _____ MirroringDevice-APE **▼** Wavelenght GlassCode (was Dichroic) FWHMBandwidth Children Entities (choose one CollimatorLens Transmittance ______ AnnotationRef ______ AnnotationRef ReflectingMirror ReflectanceRange CondenserLens Prism **──** Wavelenght MirrorType ReflectanceProfileFile [Sub-Element] FWHMBandwidth Diameter Reflectance AngleOfIncidence CouplingLens Beamsplitter Children Entities RadiusOfCurvature (choose one Transmittance SubstrateType OilObjective TransmissionAngle RelayLens GlassCode StandardDichroic RefractiveIndex TransmittanceProfileFile [Sub-Element] Reflectance _____ ReflectanceProfileFile [Sub-Element] AngleOfIncidence TubeLens _____ _____ Dichroic-APE AdditionalDichroic _____ (was Detector) CoatingMethod LightPathLocation FilterHolderPosition MaterialName GlassCode Children Entities WavelengthRange (additional attributes removed PeakWavelength (choose one or moved to new Detector Settings AttenuationCoefficient AttenuationMethod PolarizationOptics WavelenghtProfileFile [Sub-Element] AnalogVideo Name Mount MaxBitDepth TransmittanceProfileFile [Sub-Element] ReflectanceProfileFile [Sub-Element] QuantumEfficiency WavelengthRange CCD ElectronConversionFactor ReadOutNoise BeamSplitter Children Entities (choose one) PeakWavelength DetectorNoiseModel — — FaradayIsolator RegisterWellCapacity DarkCurrentRate Construction WavelenghtProfileFile [Sub-Element] CMOS Camera-APE Retardation MaterialName ArrayHeight PixelWidth PixelHeight Intensified Illumination ManufacturerOffset SensorType IntensifierType WavelengthRange Color PixelWellCapacity MaximumFrameRate MaximumReadoutRate VerticalClockSpeed RegisterWellCapacity PeakWavelength Children entities (choose one) WavelenghtProfileFile [Sub-Element] _____ PhotomultiplierTube ·----PointDetector-APE CollectionEfficiency _____ IS-A Multianode Coating SignalProcessing MultianodeChannelNr ResponseTime DeadTime MultianodeArrangement PhotoDiode ________ GenericDetector Avalanche PINJunction MapAnnotation [Sub-Element] HybridPhotoDetector

IMAGE ACQUISITION Settings





Units are omitted for simplicity sake. APE, Abstract Parent Entity AnnotationRef, This element always refers to a Comment/Annotation element as described for Channel. However for simplicity sake most Comment/Annotation elements have been omitted and the AnnotationRef has been inserted in the referring element as an attribute. [Sub-Element], For semplicity sake, in some cases

Notes

Sub-Elements are listed within the referring element as an attribute. Attributes listed after a --- separator have been added to the OME Core as part of the proposed revision. Attributes listed after and in parenthesis have been removed as part

For questions or comments please contact: