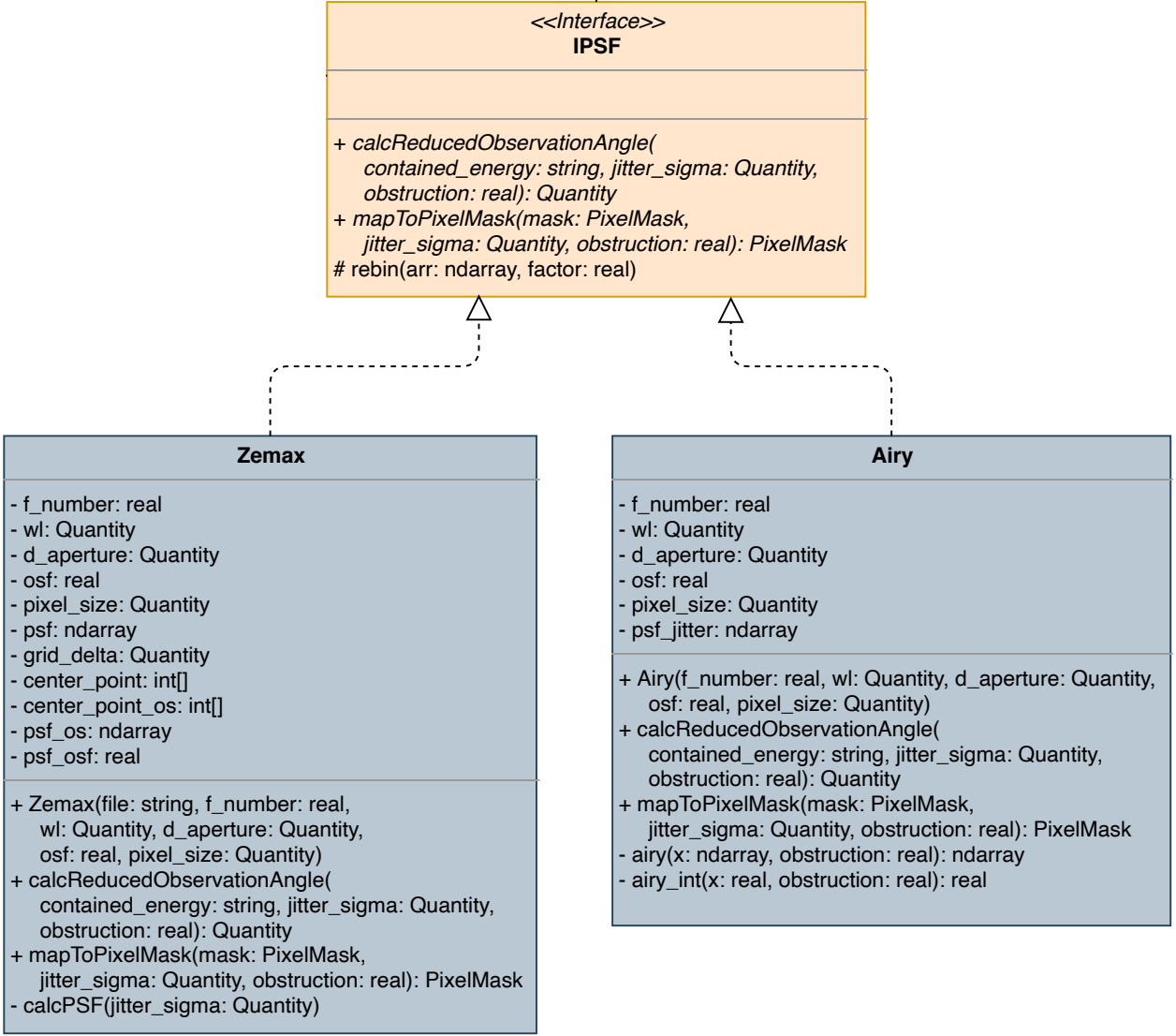
<<Interface>>
IPSF
+ calcReducedObservationAngle(
contained_energy: string, jitter_sigma: Quantity,
obstruction: real): Quantity
+ mapToPixelMask(mask: PixelMask,
jitter_sigma: Quantity, obstruction: real): PixelMask
rebin(arr: ndarray, factor: real)
Zemax
- f_number: real
- wl: Quantity
- d_aperture: Quantity
- osf: real
- pixel_size: Quantity
- psf: ndarray
- grid_delta: Quantity
- center_point: int[]
- center_point_os: int[]
- psf_os: ndarray
- psf_osf: real
+ Zemax(file: string, f_number: real,
wl: Quantity, d_aperture: Quantity,
osf: real, pixel_size: Quantity)
+ calcReducedObservationAngle(
contained_energy: string, jitter_sigma: Quantity,
obstruction: real): Quantity
+ mapToPixelMask(mask: PixelMask,
jitter_sigma: Quantity, obstruction: real): PixelMask
- calcPSF(jitter_sigma: Quantity)
Airy
- f_number: real
- wl: Quantity
- d_aperture: Quantity
- osf: real
- pixel_size: Quantity
- psf_jitter: ndarray
+ Airy(f_number: real, wl: Quantity, d_aperture: Quantity,
osf: real, pixel_size: Quantity)
+ calcReducedObservationAngle(
contained_energy: string, jitter_sigma: Quantity,
obstruction: real): Quantity
+ mapToPixelMask(mask: PixelMask,
jitter_sigma: Quantity, obstruction: real): PixelMask
- airy(x: ndarray, obstruction: real): ndarray
- airy_int(x: real, obstruction: real): real