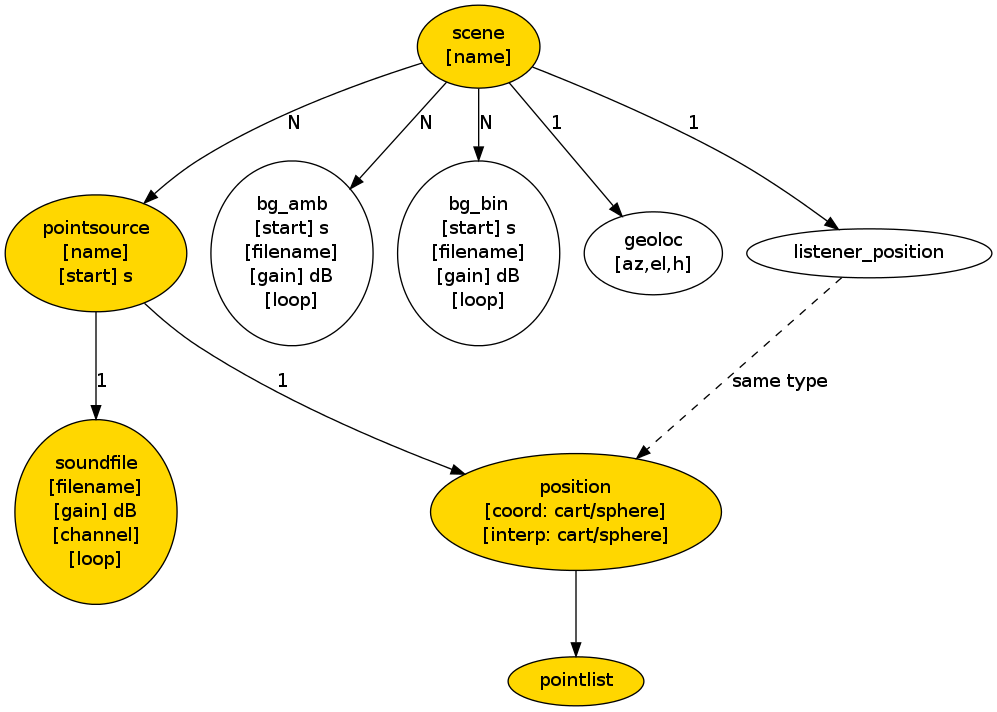
# Specification of TASCAR file format



yellow nodes: core definition (available in all clients)

white nodes: renderer specific or optional

List of elements:

<scene name=””>...</scene>

Defines a scene.

Attributes:

* name: provide a scene name

Allowed sub-nodes:

* **pointsource**
* bg\_amb / bg\_bin
* geoloc
* listener\_position

<pointsource name=”” start=”0”>...</pointsource>

Define a point source. Multiple point sources are allowed.

Attributes:

* name: name of point source
* start: start time in seconds of audio/position data

Allowed sub-nodes:

* soundfile
* position

<soundfile filename=”” gain=”0” channel=”0” loop=”1”/>

Use a sound file as input for a parent point source.

Attributes:

* filename: name of sound file.
* gain: amplification in dB
* channel: file channel number (zero-based)
* loop: loop count, zero = infinitely (beginning at start time)

<position interp=”cart”>...</position>

Defines the position of a parent point source. Start time of point source is added to position sample time.

Attributes:

* coord: coordinate type, “cart” means time,x,y,z, “sphere” means time,az,el,dist
* interp: interpolation type; “cart” means cartesian interpolation of the position between two samples, “sphere” means spherical interpolation. Interpolation is linear.

Content of the position tag is a space separated list of coordinates, one sample per line (pointlist).