ytrace\_structure.md 1/3/2023

## ytrace main():

- update\_trace\_params() [yocto\_sceneio]
- save\_trace\_params() [yocto\_sceneio]
- print\_info() [yocto\_cli]
- load\_scene() [yocto\_sceneio]
- add\_sky() [yocto\_scene]
- add\_environment() [yocto\_sceneio]
- find\_camera() [yocto\_scene]
- tesselate\_subdivs() [yocto\_scene]
- make\_trace\_bvh() [yocto\_trace]
- make\_trace\_lights() [yocto\_trace]
- if (lights.mpty() && is\_sampler\_lit()) [yocto\_trace]
- make\_trace\_state [yocto\_trace]
- if (!interactive)
  - for (each sample):
    - trace\_samples() [yocto\_trace]
    - if (conditions)
      - get\_image() [yocto\_trace]
      - replace\_extension() [yocto\_sceneio]
      - save\_image() [yocto\_sceneio]
  - o get\_image() [yocto\_sceneio]
  - o save\_image() [yocto\_sceneio]