

inhabited voxel
Use, for example, transfer function to encode which voxels participate in the

Each voxel of the helper volume encodes the minimum distance to the nearest

Create a second helper volume that provides neighborhood information

During ray marching, sample the helper volume to modify the step length

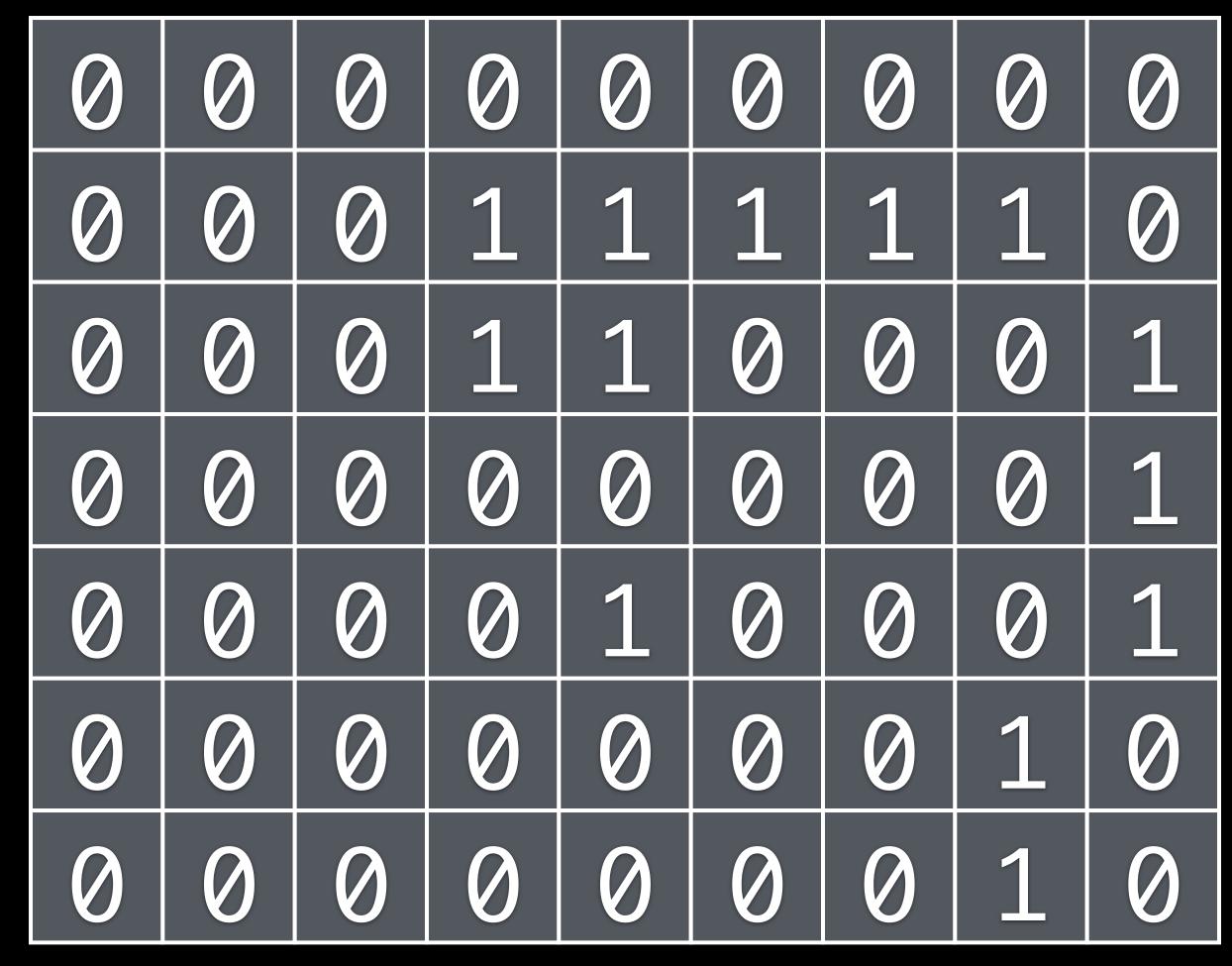








## IMAGE-ORDER EMPTY SPACE SKIPPING / ADAPTIVE SAMPLING



Data Volume



## IMAGE-ORDER EMPTY SPACE SKIPPING / ADAPTIVE SAMPLING

- Create a second helper volume that provides neighborhood information
  - Each voxel of the helper volume encodes the minimum distance to the nearest inhabited voxel
  - Use, for example, transfer function to encode which voxels participate in the neighborhood
- During ray marching, sample the helper volume to modify the step length