

Client Application



metadata
+ images

Request Server

$\begin{bmatrix} 0 & 0 & 0 & 0 & 9 & 0 \\ 0 & 8 & 0 & 0 & 0 & 0 \\ 4 & 0 & 0 & 2 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 5 \\ 0 & 0 & 2 & 0 & 0 & 0 \end{bmatrix}$



Visual Compute Module

TileDB

OpenCV

Persistent Memory
Graph DB



Client Application

OpenCV



metadata



images



PostgreSQL

OR



Apache Web Server

