Bipartite Function–Variable Dependency Graph
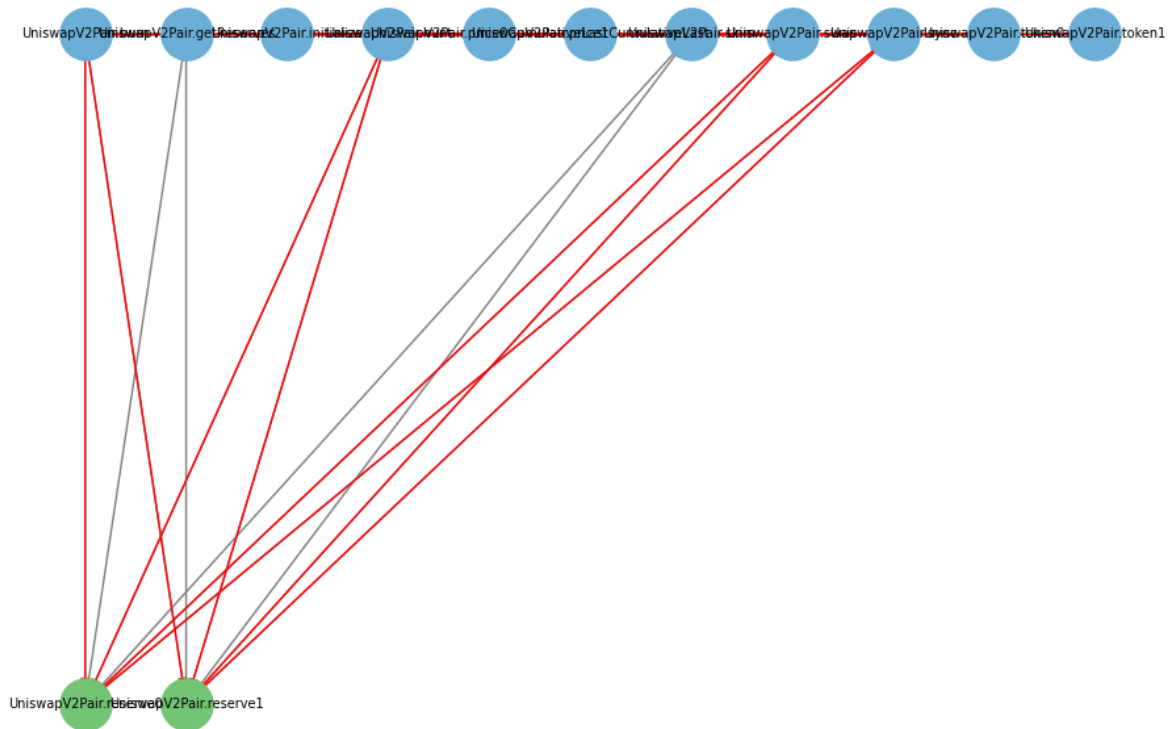
This is a directed bipartite graph.
Top nodes represent functions; bottom nodes represent state variables.
Edges from variables to functions indicate reads.
Edges from functions to variables indicate writes.
Disconnected nodes are removed.
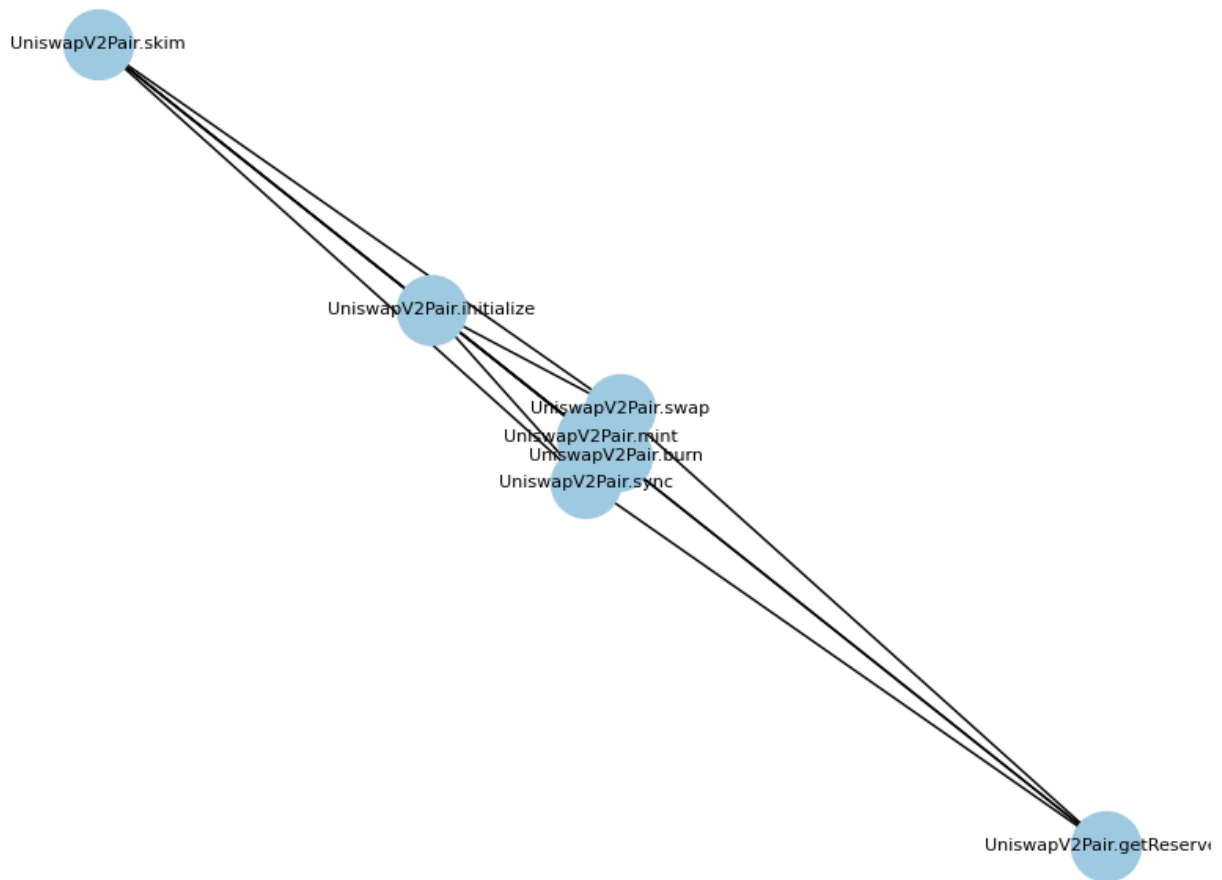Layout: vertical bipartite. Colors encode node type and write edges.

Function Influence Graph (Spring Layout)

Nodes represent functions.
An edge exists if one function writes a variable that another function reads.
This graph highlights indirect semantic influence via shared state.
Layout: force-directed (spring).

UniswapV2Pair.skim

UniswapV2Pair.initialize

UniswapV2Pair.swap
UniswapV2Pair.mint
UniswapV2Pair.burn
UniswapV2Pair.sync

UniswapV2Pair.getReserve

Function Influence Graph (Shell Layout)

Same influence graph as previous page.
Different layout emphasizes layering and clustering.
Useful for comparing structural stability across layouts.