

# Multi-Method Code Clone Analysis

Antigravity Agent

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## 1 Overview

We identified potential code clones (functions and sub-blocks) in `spip.cpp` using a Bag-of-Nodes pre-filter, then analyzed the top 10 candidates using 8 distinct structural and semantic distance metrics.

## 2 Analysis Results

Scores aim to represent **Distance** (0 = Identity, 1 = Different).

Pair	GD	Hist	Lev	B&B	Jac	Spec	NCD	Deg
prune orphans/for 1 vs uninstall package/for 1	0.05	0.00	0.00	0.00	0.00	0.00	0.04	0.00
prune orphans/for 1 vs run package tests/for 1	0.05	0.00	0.00	0.00	0.00	0.00	0.04	0.00
prune orphans/for 1 vs run all package tests/for 1	0.05	0.00	0.00	0.00	0.00	0.00	0.04	0.00
prune orphans/for 1 vs freeze environment/for 1	0.05	0.00	0.00	0.00	0.00	0.00	0.04	0.00
prune orphans/for 1 vs audit environment/for 1	0.05	0.00	0.00	0.00	0.00	0.00	0.04	0.00
prune orphans/for 1 vs verify environment/for 1	0.05	0.00	0.00	0.00	0.00	0.00	0.04	0.00
uninstall package/for 1 vs run package tests/for 1	0.05	0.00	0.00	0.00	0.00	0.00	0.04	0.00
uninstall package/for 1 vs run all package tests/for 1	0.05	0.00	0.00	0.00	0.00	0.00	0.04	0.00
uninstall package/for 1 vs freeze environment/for 1	0.05	0.00	0.00	0.00	0.00	0.00	0.04	0.00
uninstall package/for 1 vs audit environment/for 1	0.05	0.00	0.00	0.00	0.00	0.00	0.04	0.00