



[English](#) |

```
@deepseek-ai/dsh-* harness  peer  peer  packages/<group>/<pkg> d(a --> b  a  peer  b   
@deepseek-ai/dsh- 
```

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flowchart TD  
  subgraph group_util["packages/util"]  
    pkg_atomic_write["atomic-write"]  
    pkg_brand["brand"]  
    pkg_deque["deque"]  
    pkg_home_paths["home-paths"]  
    pkg_launch_environment["launch-environment"]  
    pkg_native_command["native-command"]  
    pkg_output_retention["output-retention"]  
    pkg_timeout["timeout"]  
    pkg_util_crypto["util-crypto"]  
    pkg_util_time["util-time"]  
    pkg_util_values["util-values"]  
    pkg_util_workspace_path["util-workspace-path"]  
  end  
  subgraph group_llm["packages/llm"]  
    pkg_deepseek_llm_api_extensions["deepseek-llm-api-extensions"]  
    pkg_llm["llm"]  
    pkg_llm_deepseek["llm-deepseek"]  
    pkg_llm_pi_ai["llm-pi-ai"]  
    pkg_llm_retry["llm-retry"]  
    pkg_plugin_package_inventory_deepseek["plugin-package-inventory-deepseek"]  
    pkg_token_meter["token-meter"]  
  end  
  subgraph group_core["packages/core"]  
    pkg_agent["agent"]  
    pkg_agent_default_model["agent-default-model"]  
    pkg_agent_loop["agent-loop"]  
    pkg_agent_tool_presentation["agent-tool-presentation"]  
    pkg_scope["scope"]  
  end
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pkg_session["session"]
pkg_system_prompt["system-prompt"]
pkg_tools["tools"]
end
subgraph group_goal["packages/goal"]
  pkg_command_goal["command-goal"]
  pkg_goal["goal"]
  pkg_goal_round_driver["goal-round-driver"]
  pkg_tool_goal["tool-goal"]
end
subgraph group_fs["packages/fs"]
  pkg_fs["fs"]
  pkg_fs_local["fs-local"]
  pkg_fs_observation_policy["fs-observation-policy"]
  pkg_fs_sandbox["fs-sandbox"]
  pkg_tool_fs["tool-fs"]
  pkg_tool_fs_search["tool-fs-search"]
  pkg_tool_str_replace_editor["tool-str-replace-editor"]
end
subgraph group_skill["packages/skill"]
  pkg_skill["skill"]
  pkg_skill_badge["skill-badge"]
  pkg_skill_filesystem["skill-filesystem"]
  pkg_tool_skill["tool-skill"]
end
subgraph group_subagent["packages/subagent"]
  pkg_subagent["subagent"]
  pkg_subagent_acp["subagent-acp"]
  pkg_subagent_claude_code["subagent-claude-code"]
  pkg_subagent_codex["subagent-codex"]
  pkg_subagent_dsh_sdk["subagent-dsh-sdk"]
  pkg_subagent_fork_in_process["subagent-fork-in-process"]
  pkg_subagent_in_process_driver["subagent-in-process-driver"]
  pkg_subagent_spawn_in_process["subagent-spawn-in-process"]
  pkg_tool_subagent["tool-subagent"]
  pkg_tool_subagent_control["tool-subagent-control"]
end
subgraph group_web["packages/web"]
  pkg_tool_web["tool-web"]
  pkg_web["web"]
end
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pkg_web_fetch_http["web-fetch-http"]
pkg_web_search_deepseek["web-search-deepseek"]
pkg_web_search_exa["web-search-exa"]
pkg_web_search_perplexity["web-search-perplexity"]
end
subgraph group_spill["packages/spill"]
  pkg_spill["spill"]
  pkg_spill_local["spill-local"]
  pkg_spill_policy["spill-policy"]
end
subgraph group_todo["packages/todo"]
  pkg_tool_todo["tool-todo"]
end
subgraph group_plan["packages/plan"]
  pkg_plan_mode["plan-mode"]
end
subgraph group_hooks["packages/hooks"]
  pkg_hook_protocol["hook-protocol"]
  pkg_hooks_claude_code["hooks-claude-code"]
  pkg_hooks_codex["hooks-codex"]
end
subgraph group_session_query["packages/session-query"]
  pkg_session_log_export["session-log-export"]
  pkg_session_query["session-query"]
  pkg_session_query_sqlite["session-query-sqlite"]
  pkg_tool_session_query["tool-session-query"]
end
subgraph group_acp["packages/acp"]
  pkg_acp["acp"]
end
subgraph group_api["packages/api"]
  pkg_api_gateway["api-gateway"]
  pkg_api_remotes["api-remotes"]
  pkg_api_session_controller["api-session-controller"]
  pkg_api_settings_controller["api-settings-controller"]
  pkg_api_workspace_controller["api-workspace-controller"]
end
subgraph group_attachment["packages/attachment"]
  pkg_attachment["attachment"]
  pkg_attachment_local["attachment-local"]
end
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end
subgraph group_boot["packages/boot"]
  pkg_app_boot["app-boot"]
  pkg_cmdline["cmdline"]
end
subgraph group_bundle["packages/bundle"]
  pkg_acp_app["acp-app"]
  pkg_base["base"]
  pkg_headless["headless"]
  pkg_sdk_app["sdk-app"]
  pkg_sdk_minimal["sdk-minimal"]
  pkg_web_app["web-app"]
end
subgraph group_client["packages/client"]
  pkg_client_connection["client-connection"]
  pkg_client_hmr["client-hmr"]
  pkg_client_locale["client-locale"]
  pkg_client_modules["client-modules"]
  pkg_client_store["client-store"]
  pkg_client_ui_agent_preset["client-ui-agent-preset"]
  pkg_client_ui_approval["client-ui-approval"]
  pkg_client_ui_attachment["client-ui-attachment"]
  pkg_client_ui_brand_official["client-ui-brand-official"]
  pkg_client_ui_chat["client-ui-chat"]
  pkg_client_ui_commands["client-ui-commands"]
  pkg_client_ui_conversation["client-ui-conversation"]
  pkg_client_ui_deliverables["client-ui-deliverables"]
  pkg_client_ui_directory_picker_browse["client-ui-directory-picker-browse"]
  pkg_client_ui_directory_picker_native["client-ui-directory-picker-native"]
  pkg_client_ui_goal["client-ui-goal"]
  pkg_client_ui_input_trigger["client-ui-input-trigger"]
  pkg_client_ui_jobs["client-ui-jobs"]
  pkg_client_ui_layout["client-ui-layout"]
  pkg_client_ui_message_feedback["client-ui-message-feedback"]
  pkg_client_ui_model_selection["client-ui-model-selection"]
  pkg_client_ui_permission_presets["client-ui-permission-presets"]
  pkg_client_ui_plan["client-ui-plan"]
  pkg_client_ui_primitives["client-ui-primitives"]
  pkg_client_ui_reference["client-ui-reference"]
  pkg_client_ui_renderer["client-ui-renderer"]
end
```

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pkg_client_ui_schedule["client-ui-schedule"]
pkg_client_ui_session["client-ui-session"]
pkg_client_ui_settings["client-ui-settings"]
pkg_client_ui_settings_general["client-ui-settings-general"]
pkg_client_ui_settings_models["client-ui-settings-models"]
pkg_client_ui_settings_plugin_inventory["client-ui-settings-plugin-inventory"]
pkg_client_ui_settings_plugins["client-ui-settings-plugins"]
pkg_client_ui_sidebar["client-ui-sidebar"]
pkg_client_ui_skill["client-ui-skill"]
pkg_client_ui_slots["client-ui-slots"]
pkg_client_ui_subagent["client-ui-subagent"]
pkg_client_ui_theme["client-ui-theme"]
pkg_client_ui_tool["client-ui-tool"]
pkg_client_ui_trajectory["client-ui-trajectory"]
pkg_client_ui_user_questions["client-ui-user-questions"]
pkg_client_ui_workflow_run["client-ui-workflow-run"]
pkg_client_ui_workspace["client-ui-workspace"]
pkg_client_web["client-web"]
end

subgraph group_code_runtime["packages/code-runtime"]
  pkg_code_runtime["code-runtime"]
  pkg_code_runtime_worker_thread["code-runtime-worker-thread"]
end

subgraph group_compaction["packages/compaction"]
  pkg_command_compact["command-compact"]
  pkg_compaction["compaction"]
  pkg_compaction_basic["compaction-basic"]
  pkg_compaction_tool_result_pruner["compaction-tool-result-pruner"]
end

subgraph group_context["packages/context"]
  pkg_agent_instructions["agent-instructions"]
  pkg_file_reference["file-reference"]
  pkg_file_reference_local["file-reference-local"]
  pkg_session_reference["session-reference"]
  pkg_time_context["time-context"]
  pkg_tmux_context["tmux-context"]
end

subgraph group_credentials["packages/credentials"]
  pkg_authorization["authorization"]
  pkg_credentials["credentials"]
end
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    pkg_credentials_local["credentials-local"]
end
subgraph group_e2b["packages/e2b"]
    pkg_e2b["e2b"]
    pkg_fs_e2b["fs-e2b"]
    pkg_subprocess_e2b["subprocess-e2b"]
end
subgraph group_experimental["packages/experimental"]
    pkg_experimental_agent_team["experimental-agent-team"]
    pkg_experimental_agent_team_profile["experimental-agent-team-profile"]
    pkg_experimental_agent_team_web_profile["experimental-agent-team-web-profile"]
    pkg_experimental_client_ui_agent_team["experimental-client-ui-agent-team"]
    pkg_experimental_code_runtime_python["experimental-code-runtime-python"]
    pkg_experimental_inspector["experimental-inspector"]
    pkg_experimental_tool_agent_team["experimental-tool-agent-team"]
    pkg_experimental_webworker_packer["experimental-webworker-packer"]
    pkg_experimental_webworker_runtime["experimental-webworker-runtime"]
end
subgraph group_extensions["packages/extensions"]
    pkg_client_ui_cordis["client-ui-cordis"]
    pkg_cordis_client_runner["cordis-client-runner"]
    pkg_cordis_host_runner["cordis-host-runner"]
    pkg_tool_cordis["tool-cordis"]
end
subgraph group_feedback["packages/feedback"]
    pkg_command_feedback["command-feedback"]
    pkg_message_feedback["message-feedback"]
end
subgraph group_guard["packages/guard"]
    pkg_repeat_tool_reminder["repeat-tool-reminder"]
    pkg_tool_call_timeout_policy["tool-call-timeout-policy"]
end
subgraph group_host["packages/host"]
    pkg_host_directory_picker["host-directory-picker"]
    pkg_host_directory_picker_auto["host-directory-picker-auto"]
    pkg_host_directory_picker_browse["host-directory-picker-browse"]
    pkg_host_directory_picker_native["host-directory-picker-native"]
    pkg_host_frontend_static["host-frontend-static"]
    pkg_host_plugin_inventory["host-plugin-inventory"]
    pkg_host_webserver["host-webserver"]
end
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end
subgraph group_identity["packages/identity"]
  pkg_anonymous_user_id["anonymous-user-id"]
end
subgraph group_interaction["packages/interaction"]
  pkg_commands["commands"]
  pkg_permission_presets["permission-presets"]
  pkg_tool_ask_user["tool-ask-user"]
  pkg_user_approval["user-approval"]
  pkg_user_questions["user-questions"]
end
subgraph group_jobs["packages/jobs"]
  pkg_jobs["jobs"]
  pkg_jobs_local["jobs-local"]
  pkg_tool_jobs["tool-jobs"]
end
subgraph group_lsp["packages/lsp"]
  pkg_lsp["lsp"]
  pkg_lsp_stdio["lsp-stdio"]
  pkg_tool_lsp["tool-lsp"]
end
subgraph group_mcp["packages/mcp"]
  pkg_mcp_client["mcp-client"]
end
subgraph group_preset["packages/preset"]
  pkg_agent_presets["agent-presets"]
  pkg_persona["persona"]
end
subgraph group_runtime_diagnostics["packages/runtime-diagnostics"]
  pkg_invariants["invariants"]
end
subgraph group_sandbox["packages/sandbox"]
  pkg_sandbox["sandbox"]
  pkg_sandbox_local["sandbox-local"]
  pkg_sandbox_policy["sandbox-policy"]
  pkg_sandbox_windows_acl["sandbox-windows-acl"]
end
subgraph group_schedule["packages/schedule"]
  pkg_schedule["schedule"]
end
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subgraph group_sdk["packages/sdk"]
  pkg_sdk_client["sdk-client"]
  pkg_sdk_jsonrpc_server["sdk-jsonrpc-server"]
  pkg_sdk_protocol["sdk-protocol"]
end

subgraph group_session["packages/session"]
  pkg_session_checkpoint_policy["session-checkpoint-policy"]
  pkg_session_log_deepseek["session-log-deepseek"]
  pkg_session_persistence["session-persistence"]
  pkg_session_persistence_jsonl["session-persistence-jsonl"]
  pkg_session_projection["session-projection"]
  pkg_session_projection_cache["session-projection-cache"]
  pkg_session_stats["session-stats"]
  pkg_session_telemetry["session-telemetry"]
  pkg_session_telemetry_otel["session-telemetry-otel"]
  pkg_session_title["session-title"]
  pkg_session_title_all_prompts_llm["session-title-all-prompts-llm"]
  pkg_session_title_first_prompt_llm["session-title-first-prompt-llm"]
  pkg_session_title_llm["session-title-llm"]
  pkg_session_turn_outline["session-turn-outline"]
end

subgraph group_settings["packages/settings"]
  pkg_settings["settings"]
  pkg_settings_file["settings-file"]
end

subgraph group_shell["packages/shell"]
  pkg_bash_local["bash-local"]
  pkg_bash_sandbox["bash-sandbox"]
  pkg_pwsh_local["pwsh-local"]
  pkg_pwsh_sandbox["pwsh-sandbox"]
  pkg_shell["shell"]
  pkg_shell_env["shell-env"]
  pkg_tool_bash["tool-bash"]
  pkg_tool_bash_persistent["tool-bash-persistent"]
  pkg_tool_pwsh["tool-pwsh"]
  pkg_tool_pwsh_persistent["tool-pwsh-persistent"]
end

subgraph group_storage["packages/storage"]
  pkg_storage["storage"]
  pkg_storage_domain["storage-domain"]
end
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pkg_storage_json["storage-json"]
pkg_storage_sqlite["storage-sqlite"]
end
subgraph group_subprocess["packages/subprocess"]
  pkg_subprocess["subprocess"]
  pkg_subprocess_local["subprocess-local"]
  pkg_win32_process["win32-process"]
end
subgraph group_terminal["packages/terminal"]
  pkg_terminal["terminal"]
  pkg_terminal_bash["terminal-bash"]
  pkg_tool_terminal["tool-terminal"]
end
subgraph group_test_support["packages/test-support"]
  pkg_agent_loop_testkit["agent-loop-testkit"]
  pkg_client_test_runtime["client-test-runtime"]
  pkg_llm_mock_server["llm-mock-server"]
  pkg_llm_replay["llm-replay"]
  pkg_loader_smoke["loader-smoke"]
  pkg_session_snapshot["session-snapshot"]
end
subgraph group_typert["packages/typert"]
  pkg_typert_generator["typert-generator"]
  pkg_typert_loader["typert-loader"]
  pkg_typert_protocol["typert-protocol"]
  pkg_typert_registry["typert-registry"]
end
subgraph group_webhook["packages/webhook"]
  pkg_webhook["webhook"]
  pkg_webhook_github["webhook-github"]
end
subgraph group_workflow["packages/workflow"]
  pkg_tool_ralph["tool-ralph"]
  pkg_tool_workflow["tool-workflow"]
  pkg_workflow["workflow"]
  pkg_workflow_worker_thread["workflow-worker-thread"]
end
subgraph group_workspace["packages/workspace"]
  pkg_workspace["workspace"]
end
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pkg_scope --> pkg_invariants
pkg_web --> pkg_llm
pkg_attachment --> pkg_brand
pkg_credentials --> pkg_invariants
pkg_subprocess_e2b --> pkg_e2b
pkg_subprocess_e2b --> pkg_subprocess
pkg_subprocess_e2b --> pkg_timeout
pkg_experimental_code_runtime_python --> pkg_code_runtime
pkg_experimental_code_runtime_python --> pkg_timeout
pkg_experimental_code_runtime_python --> pkg_util_values
pkg_experimental_inspector --> pkg_client_modules
pkg_experimental_inspector --> pkg_host_webserver
pkg_experimental_webworker_runtime --> pkg_client_connection
pkg_experimental_webworker_runtime --> pkg_client_modules
pkg_experimental_webworker_runtime --> pkg_host_webserver
pkg_host_directory_picker_auto --> pkg_client_ui_directory_picker_browse
pkg_host_directory_picker_auto --> pkg_client_ui_directory_picker_native
pkg_host_directory_picker_auto --> pkg_host_directory_picker_browse
pkg_host_directory_picker_auto --> pkg_host_directory_picker_native
pkg_host_directory_picker_auto --> pkg_host_webserver
pkg_host_frontend_static --> pkg_client_connection
pkg_host_frontend_static --> pkg_host_webserver
pkg_anonymous_user_id --> pkg_brand
pkg_anonymous_user_id --> pkg_home_paths
pkg_lsp --> pkg_brand
pkg_lsp --> pkg_llm
pkg_storage_domain --> pkg_invariants
pkg_storage_domain --> pkg_storage
pkg_storage_json --> pkg_storage
pkg_storage_sqlite --> pkg_storage
pkg_subprocess_local --> pkg_subprocess
pkg_subprocess_local --> pkg_timeout
pkg_typert_loader --> pkg_typert_registry
pkg_session --> pkg_scope
pkg_system_prompt --> pkg_invariants
pkg_system_prompt --> pkg_llm
pkg_system_prompt --> pkg_scope
pkg_skill --> pkg_llm
pkg_skill --> pkg_scope
pkg_web_fetch_http --> pkg_timeout

pkg_web_fetch_http --> pkg_web
pkg_web_search_exa --> pkg_launch_environment
pkg_web_search_exa --> pkg_web
pkg_web_search_perplexity --> pkg_launch_environment
pkg_web_search_perplexity --> pkg_web
pkg_api_remotes --> pkg_scope
pkg_attachment_local --> pkg_attachment
pkg_attachment_local --> pkg_home_paths
pkg_authorization --> pkg_credentials
pkg_authorization --> pkg_invariants
pkg_authorization --> pkg_llm
pkg_credentials_local --> pkg_atomic_write
pkg_credentials_local --> pkg_credentials
pkg_credentials_local --> pkg_home_paths
pkg_credentials_local --> pkg_launch_environment
pkg_skill_badge --> pkg_skill
pkg_spill --> pkg_brand
pkg_spill --> pkg_llm
pkg_spill --> pkg_session
pkg_app_boot --> pkg_home_paths
pkg_app_boot --> pkg_launch_environment
pkg_app_boot --> pkg_system_prompt
pkg_code_runtime_worker_thread --> pkg_code_runtime
pkg_code_runtime_worker_thread --> pkg_session
pkg_code_runtime_worker_thread --> pkg_timeout
pkg_persona --> pkg_system_prompt
pkg_sandbox --> pkg_llm
pkg_sandbox --> pkg_session
pkg_session_log_deepseek --> pkg_deepseek_llm_api_extensions
pkg_session_log_deepseek --> pkg_invariants
pkg_session_log_deepseek --> pkg_session
pkg_session_persistence --> pkg_brand
pkg_session_persistence --> pkg_session
pkg_session_persistence --> pkg_timeout
pkg_session_projection --> pkg_session
pkg_settings --> pkg_brand
pkg_settings --> pkg_invariants
pkg_settings --> pkg_session
pkg_session_snapshot --> pkg_session
pkg_agent --> pkg_invariants

pkg_agent --> pkg_llm
pkg_agent --> pkg_scope
pkg_agent --> pkg_session
pkg_agent --> pkg_session_projection
pkg_agent --> pkg_system_prompt
pkg_agent --> pkg_typed_protocol
pkg_fs --> pkg_brand
pkg_fs --> pkg_invariants
pkg_fs --> pkg_llm
pkg_fs --> pkg_sandbox
pkg_spill_local --> pkg_spill
pkg_message_feedback --> pkg_brand
pkg_message_feedback --> pkg_llm
pkg_message_feedback --> pkg_session
pkg_message_feedback --> pkg_session_persistence
pkg_message_feedback --> pkg_storage_domain
pkg_message_feedback --> pkg_typed_protocol
pkg_sandbox_local --> pkg_llm
pkg_sandbox_local --> pkg_sandbox
pkg_sandbox_local --> pkg_session
pkg_session_persistence_jsonl --> pkg_session
pkg_session_persistence_jsonl --> pkg_session_persistence
pkg_session_projection_cache --> pkg_session
pkg_session_projection_cache --> pkg_session_projection
pkg_session_projection_cache --> pkg_storage_domain
pkg_session_stats --> pkg_llm
pkg_session_stats --> pkg_session
pkg_session_stats --> pkg_session_projection
pkg_session_turn_outline --> pkg_llm
pkg_session_turn_outline --> pkg_session
pkg_session_turn_outline --> pkg_session_projection
pkg_settings_file --> pkg_atomic_write
pkg_settings_file --> pkg_home_paths
pkg_settings_file --> pkg_settings
pkg_shell --> pkg_sandbox
pkg_shell --> pkg_settings
pkg_shell --> pkg_subprocess
pkg_workspace --> pkg_invariants
pkg_workspace --> pkg_session
pkg_workspace --> pkg_session_persistence

pkg_workspace --> pkg_storage
pkg_workspace --> pkg_storage_domain
pkg_workspace --> pkg_typed_protocol
pkg_llm_deepseek --> pkg_anonymous_user_id
pkg_llm_deepseek --> pkg_atomic_write
pkg_llm_deepseek --> pkg_attachment
pkg_llm_deepseek --> pkg_credentials
pkg_llm_deepseek --> pkg_deepseek_llm_api_extensions
pkg_llm_deepseek --> pkg_fs
pkg_llm_deepseek --> pkg_home_paths
pkg_llm_deepseek --> pkg_launch_environment
pkg_llm_deepseek --> pkg_llm
pkg_llm_deepseek --> pkg_settings
pkg_llm_deepseek --> pkg_timeout
pkg_llm_pi_ai --> pkg_attachment
pkg_llm_pi_ai --> pkg_authorization
pkg_llm_pi_ai --> pkg_credentials
pkg_llm_pi_ai --> pkg_fs
pkg_llm_pi_ai --> pkg_launch_environment
pkg_llm_pi_ai --> pkg_llm
pkg_llm_pi_ai --> pkg_settings
pkg_llm_pi_ai --> pkg_timeout
pkg_llm_retry --> pkg_agent
pkg_llm_retry --> pkg_brand
pkg_llm_retry --> pkg_invariants
pkg_llm_retry --> pkg_llm
pkg_llm_retry --> pkg_session
pkg_llm_retry --> pkg_session_projection
pkg_llm_retry --> pkg_timeout
pkg_agent_default_model --> pkg_agent
pkg_agent_default_model --> pkg_llm
pkg_agent_default_model --> pkg_settings
pkg_goal --> pkg_agent
pkg_goal --> pkg_brand
pkg_goal --> pkg_invariants
pkg_goal --> pkg_llm
pkg_goal --> pkg_scope
pkg_goal --> pkg_session
pkg_goal --> pkg_session_projection
pkg_goal --> pkg_typed_protocol

pkg_fs_local --> pkg_fs
pkg_fs_observation_policy --> pkg_fs
pkg_skill_filesystem --> pkg_fs
pkg_skill_filesystem --> pkg_home_paths
pkg_skill_filesystem --> pkg_skill
pkg_web_search_deepseek --> pkg_agent
pkg_web_search_deepseek --> pkg_credentials
pkg_web_search_deepseek --> pkg_launch_environment
pkg_web_search_deepseek --> pkg_session
pkg_web_search_deepseek --> pkg_settings
pkg_web_search_deepseek --> pkg_web
pkg_hook_protocol --> pkg_invariants
pkg_hook_protocol --> pkg_session
pkg_hook_protocol --> pkg_shell
pkg_api_workspace_controller --> pkg_api_gateway
pkg_api_workspace_controller --> pkg_client_connection
pkg_api_workspace_controller --> pkg_host_directory_picker
pkg_api_workspace_controller --> pkg_session
pkg_api_workspace_controller --> pkg_storage_domain
pkg_api_workspace_controller --> pkg_typed_protocol
pkg_api_workspace_controller --> pkg_workspace
pkg_file_reference --> pkg_agent
pkg_time_context --> pkg_agent
pkg_time_context --> pkg_invariants
pkg_time_context --> pkg_llm
pkg_time_context --> pkg_session
pkg_time_context --> pkg_session_projection
pkg_tmux_context --> pkg_agent
pkg_tmux_context --> pkg_session
pkg_tmux_context --> pkg_session_projection
pkg_tmux_context --> pkg_shell
pkg_fs_e2b --> pkg_e2b
pkg_fs_e2b --> pkg_fs
pkg_commands --> pkg_agent
pkg_commands --> pkg_attachment
pkg_commands --> pkg_brand
pkg_commands --> pkg_invariants
pkg_commands --> pkg_llm
pkg_commands --> pkg_scope
pkg_commands --> pkg_session

pkg_commands --> pkg_typed_protocol
pkg_user_approval --> pkg_agent
pkg_user_approval --> pkg_brand
pkg_user_approval --> pkg_invariants
pkg_user_approval --> pkg_llm
pkg_user_approval --> pkg_scope
pkg_user_approval --> pkg_session
pkg_user_approval --> pkg_system_prompt
pkg_user_questions --> pkg_agent
pkg_user_questions --> pkg_llm
pkg_user_questions --> pkg_scope
pkg_jobs --> pkg_agent
pkg_jobs --> pkg_brand
pkg_jobs --> pkg_invariants
pkg_jobs --> pkg_session
pkg_lsp_stdio --> pkg_brand
pkg_lsp_stdio --> pkg_fs
pkg_lsp_stdio --> pkg_llm
pkg_lsp_stdio --> pkg_lsp
pkg_lsp_stdio --> pkg_subprocess
pkg_lsp_stdio --> pkg_timeout
pkg_sandbox_policy --> pkg_agent
pkg_sandbox_policy --> pkg_invariants
pkg_sandbox_policy --> pkg_sandbox
pkg_sandbox_policy --> pkg_session
pkg_sandbox_policy --> pkg_session_projection
pkg_sandbox_policy --> pkg_system_prompt
pkg_session_telemetry --> pkg_agent
pkg_session_telemetry --> pkg_session
pkg_session_title --> pkg_agent
pkg_session_title --> pkg_brand
pkg_session_title --> pkg_invariants
pkg_session_title --> pkg_llm
pkg_session_title --> pkg_session
pkg_session_title --> pkg_session_projection
pkg_bash_local --> pkg_settings
pkg_bash_local --> pkg_shell
pkg_bash_local --> pkg_subprocess
pkg_bash_local --> pkg_timeout
pkg_pwsh_local --> pkg_settings

pkg_pwsh_local --> pkg_shell
pkg_pwsh_local --> pkg_subprocess
pkg_pwsh_local --> pkg_timeout
pkg_terminal --> pkg_agent
pkg_terminal --> pkg_brand
pkg_loader_smoke --> pkg_agent
pkg_loader_smoke --> pkg_llm
pkg_loader_smoke --> pkg_session
pkg_workflow --> pkg_agent
pkg_workflow --> pkg_brand
pkg_workflow --> pkg_invariants
pkg_workflow --> pkg_llm
pkg_workflow --> pkg_session
pkg_tools --> pkg_agent
pkg_tools --> pkg_code_runtime
pkg_tools --> pkg_invariants
pkg_tools --> pkg_llm
pkg_tools --> pkg_scope
pkg_tools --> pkg_session
pkg_tools --> pkg_system_prompt
pkg_tools --> pkg_user_approval
pkg_command_goal --> pkg_commands
pkg_command_goal --> pkg_goal
pkg_command_goal --> pkg_llm
pkg_goal_round_driver --> pkg_agent
pkg_goal_round_driver --> pkg_goal
pkg_goal_round_driver --> pkg_invariants
pkg_goal_round_driver --> pkg_llm
pkg_goal_round_driver --> pkg_session
pkg_fs_sandbox --> pkg_fs
pkg_fs_sandbox --> pkg_fs_local
pkg_fs_sandbox --> pkg_sandbox
pkg_fs_sandbox --> pkg_sandbox_policy
pkg_headless --> pkg_agent
pkg_headless --> pkg_agent_default_model
pkg_headless --> pkg_llm
pkg_headless --> pkg_session
pkg_compaction --> pkg_brand
pkg_compaction --> pkg_commands
pkg_compaction --> pkg_invariants

pkg_compaction --> pkg_llm
pkg_compaction --> pkg_session
pkg_command_feedback --> pkg_anonymous_user_id
pkg_command_feedback --> pkg_commands
pkg_command_feedback --> pkg_session
pkg_command_feedback --> pkg_session_telemetry
pkg_permission_presets --> pkg_commands
pkg_permission_presets --> pkg_invariants
pkg_permission_presets --> pkg_sandbox
pkg_permission_presets --> pkg_sandbox_policy
pkg_permission_presets --> pkg_session
pkg_permission_presets --> pkg_session_projection
pkg_permission_presets --> pkg_settings
pkg_permission_presets --> pkg_shell
pkg_permission_presets --> pkg_user_approval
pkg_jobs_local --> pkg_agent
pkg_jobs_local --> pkg_jobs
pkg_jobs_local --> pkg_scope
pkg_jobs_local --> pkg_timeout
pkg_session_title_llm --> pkg_llm
pkg_session_title_llm --> pkg_session
pkg_session_title_llm --> pkg_session_title
pkg_session_title_llm --> pkg_timeout
pkg_bash_sandbox --> pkg_bash_local
pkg_bash_sandbox --> pkg_sandbox
pkg_bash_sandbox --> pkg_sandbox_policy
pkg_bash_sandbox --> pkg_shell
pkg_pwsh_sandbox --> pkg_pwsh_local
pkg_pwsh_sandbox --> pkg_sandbox
pkg_pwsh_sandbox --> pkg_sandbox_policy
pkg_pwsh_sandbox --> pkg_shell
pkg_terminal_bash --> pkg_agent
pkg_terminal_bash --> pkg_sandbox
pkg_terminal_bash --> pkg_sandbox_policy
pkg_terminal_bash --> pkg_session
pkg_terminal_bash --> pkg_session_projection
pkg_terminal_bash --> pkg_subprocess
pkg_terminal_bash --> pkg_terminal
pkg_token_meter --> pkg_compaction
pkg_token_meter --> pkg_llm

pkg_token_meter --> pkg_llm_retry
pkg_token_meter --> pkg_session
pkg_token_meter --> pkg_session_projection
pkg_agent_loop --> pkg_agent
pkg_agent_loop --> pkg_invariants
pkg_agent_loop --> pkg_llm
pkg_agent_loop --> pkg_scope
pkg_agent_loop --> pkg_session
pkg_agent_loop --> pkg_session_persistence
pkg_agent_loop --> pkg_session_projection
pkg_agent_loop --> pkg_settings
pkg_agent_loop --> pkg_system_prompt
pkg_agent_loop --> pkg_tools
pkg_agent_tool_presentation --> pkg_tools
pkg_tool_goal --> pkg_agent
pkg_tool_goal --> pkg_goal
pkg_tool_goal --> pkg_llm
pkg_tool_goal --> pkg_session
pkg_tool_goal --> pkg_session_projection
pkg_tool_goal --> pkg_system_prompt
pkg_tool_goal --> pkg_tools
pkg_tool_fs --> pkg_attachment
pkg_tool_fs --> pkg_fs
pkg_tool_fs --> pkg_llm
pkg_tool_fs --> pkg_sandbox
pkg_tool_fs --> pkg_sandbox_policy
pkg_tool_fs --> pkg_session
pkg_tool_fs --> pkg_system_prompt
pkg_tool_fs --> pkg_tools
pkg_tool_fs --> pkg_user_approval
pkg_tool_fs_search --> pkg_llm
pkg_tool_fs_search --> pkg_output_retention
pkg_tool_fs_search --> pkg_session
pkg_tool_fs_search --> pkg_spill
pkg_tool_fs_search --> pkg_subprocess
pkg_tool_fs_search --> pkg_system_prompt
pkg_tool_fs_search --> pkg_timeout
pkg_tool_fs_search --> pkg_tools
pkg_tool_str_replace_editor --> pkg_fs
pkg_tool_str_replace_editor --> pkg_sandbox

pkg_tool_str_replace_editor --> pkg_sandbox_policy
pkg_tool_str_replace_editor --> pkg_tools
pkg_tool_skill --> pkg_agent
pkg_tool_skill --> pkg_llm
pkg_tool_skill --> pkg_skill
pkg_tool_skill --> pkg_tools
pkg_tool_web --> pkg_llm
pkg_tool_web --> pkg_system_prompt
pkg_tool_web --> pkg_tools
pkg_tool_web --> pkg_web
pkg_spill_policy --> pkg_llm
pkg_spill_policy --> pkg_output_retention
pkg_spill_policy --> pkg_session
pkg_spill_policy --> pkg_spill
pkg_spill_policy --> pkg_tools
pkg_tool_todo --> pkg_agent
pkg_tool_todo --> pkg_invariants
pkg_tool_todo --> pkg_session
pkg_tool_todo --> pkg_session_projection
pkg_tool_todo --> pkg_tools
pkg_plan_mode --> pkg_agent
pkg_plan_mode --> pkg_commands
pkg_plan_mode --> pkg_invariants
pkg_plan_mode --> pkg_llm
pkg_plan_mode --> pkg_session
pkg_plan_mode --> pkg_session_projection
pkg_plan_mode --> pkg_system_prompt
pkg_plan_mode --> pkg_tools
pkg_plan_mode --> pkg_user_questions
pkg_hooks_codex --> pkg_agent
pkg_hooks_codex --> pkg_hook_protocol
pkg_hooks_codex --> pkg_llm
pkg_hooks_codex --> pkg_session
pkg_hooks_codex --> pkg_session_persistence
pkg_hooks_codex --> pkg_session_projection
pkg_hooks_codex --> pkg_tools
pkg_command_compact --> pkg_commands
pkg_command_compact --> pkg_compaction
pkg_agent_instructions --> pkg_agent
pkg_agent_instructions --> pkg_fs

pkg_agent_instructions --> pkg_home_paths
pkg_agent_instructions --> pkg_llm
pkg_agent_instructions --> pkg_session
pkg_agent_instructions --> pkg_session_projection
pkg_agent_instructions --> pkg_tools
pkg_file_reference_local --> pkg_agent
pkg_file_reference_local --> pkg_file_reference
pkg_file_reference_local --> pkg_system_prompt
pkg_file_reference_local --> pkg_tools
pkg_cordis_host_runner --> pkg_agent
pkg_cordis_host_runner --> pkg_brand
pkg_cordis_host_runner --> pkg_llm
pkg_cordis_host_runner --> pkg_scope
pkg_cordis_host_runner --> pkg_session
pkg_cordis_host_runner --> pkg_tools
pkg_cordis_host_runner --> pkg_typed_protocol
pkg_repeat_tool_reminder --> pkg_agent
pkg_repeat_tool_reminder --> pkg_tools
pkg_tool_call_timeout_policy --> pkg_llm
pkg_tool_call_timeout_policy --> pkg_timeout
pkg_tool_call_timeout_policy --> pkg_tools
pkg_tool_ask_user --> pkg_agent
pkg_tool_ask_user --> pkg_tools
pkg_tool_ask_user --> pkg_user_questions
pkg_tool_jobs --> pkg_agent
pkg_tool_jobs --> pkg_jobs
pkg_tool_jobs --> pkg_llm
pkg_tool_jobs --> pkg_output_retention
pkg_tool_jobs --> pkg_system_prompt
pkg_tool_jobs --> pkg_tools
pkg_tool_lsp --> pkg_llm
pkg_tool_lsp --> pkg_lsp
pkg_tool_lsp --> pkg_system_prompt
pkg_tool_lsp --> pkg_timeout
pkg_tool_lsp --> pkg_tools
pkg_mcp_client --> pkg_attachment
pkg_mcp_client --> pkg_llm
pkg_mcp_client --> pkg_scope
pkg_mcp_client --> pkg_subprocess
pkg_mcp_client --> pkg_timeout

pkg_mcp_client --> pkg_tools
pkg_agent_presets --> pkg_agent
pkg_agent_presets --> pkg_atomic_write
pkg_agent_presets --> pkg_home_paths
pkg_agent_presets --> pkg_invariants
pkg_agent_presets --> pkg_scope
pkg_agent_presets --> pkg_session
pkg_agent_presets --> pkg_session_projection
pkg_agent_presets --> pkg_settings
pkg_agent_presets --> pkg_system_prompt
pkg_agent_presets --> pkg_tools
pkg_agent_presets --> pkg_typed_protocol
pkg_schedule --> pkg_agent
pkg_schedule --> pkg_brand
pkg_schedule --> pkg_invariants
pkg_schedule --> pkg_llm
pkg_schedule --> pkg_session
pkg_schedule --> pkg_session_persistence
pkg_schedule --> pkg_session_projection
pkg_schedule --> pkg_tools
pkg_session_checkpoint_policy --> pkg_agent
pkg_session_checkpoint_policy --> pkg_llm
pkg_session_checkpoint_policy --> pkg_session
pkg_session_checkpoint_policy --> pkg_session_persistence
pkg_session_checkpoint_policy --> pkg_tools
pkg_session_telemetry_otel --> pkg_anonymous_user_id
pkg_session_telemetry_otel --> pkg_command_feedback
pkg_session_telemetry_otel --> pkg_llm
pkg_session_telemetry_otel --> pkg_session
pkg_session_telemetry_otel --> pkg_session_telemetry
pkg_session_title_all_prompts_llm --> pkg_llm
pkg_session_title_all_prompts_llm --> pkg_session
pkg_session_title_all_prompts_llm --> pkg_session_title
pkg_session_title_all_prompts_llm --> pkg_session_title_llm
pkg_session_title_first_prompt_llm --> pkg_llm
pkg_session_title_first_prompt_llm --> pkg_session
pkg_session_title_first_prompt_llm --> pkg_session_title
pkg_session_title_first_prompt_llm --> pkg_session_title_llm
pkg_shell_env --> pkg_home_paths
pkg_shell_env --> pkg_session_persistence

pkg_shell_env --> pkg_shell
pkg_shell_env --> pkg_tools
pkg_tool_bash_persistent --> pkg_agent
pkg_tool_bash_persistent --> pkg_terminal
pkg_tool_bash_persistent --> pkg_timeout
pkg_tool_bash_persistent --> pkg_tools
pkg_tool_pwsh_persistent --> pkg_agent
pkg_tool_pwsh_persistent --> pkg_terminal
pkg_tool_pwsh_persistent --> pkg_timeout
pkg_tool_pwsh_persistent --> pkg_tools
pkg_tool_terminal --> pkg_agent
pkg_tool_terminal --> pkg_jobs
pkg_tool_terminal --> pkg_llm
pkg_tool_terminal --> pkg_output_retention
pkg_tool_terminal --> pkg_system_prompt
pkg_tool_terminal --> pkg_terminal
pkg_tool_terminal --> pkg_tools
pkg_agent_loop_testkit --> pkg_agent
pkg_agent_loop_testkit --> pkg_llm
pkg_agent_loop_testkit --> pkg_session
pkg_agent_loop_testkit --> pkg_system_prompt
pkg_agent_loop_testkit --> pkg_tools
pkg_llm_replay --> pkg_compaction
pkg_llm_replay --> pkg_deepseek_llm_api_extensions
pkg_llm_replay --> pkg_llm
pkg_llm_replay --> pkg_session
pkg_tool_workflow --> pkg_agent
pkg_tool_workflow --> pkg_invariants
pkg_tool_workflow --> pkg_llm
pkg_tool_workflow --> pkg_session
pkg_tool_workflow --> pkg_system_prompt
pkg_tool_workflow --> pkg_tools
pkg_tool_workflow --> pkg_workflow
pkg_plugin_package_inventory_deepseek --> pkg_agent
pkg_plugin_package_inventory_deepseek --> pkg_agent_presets
pkg_plugin_package_inventory_deepseek --> pkg_deepseek_llm_api_extensions
pkg_plugin_package_inventory_deepseek --> pkg_session
pkg_session_query --> pkg_brand
pkg_session_query --> pkg_llm
pkg_session_query --> pkg_session

pkg_session_query --> pkg_session_persistence
pkg_session_query --> pkg_session_projection
pkg_session_query --> pkg_session_projection_cache
pkg_session_query --> pkg_session_title
pkg_session_query --> pkg_tool_todo
pkg_acp --> pkg_agent
pkg_acp --> pkg_attachment
pkg_acp --> pkg_llm
pkg_acp --> pkg_mcp_client
pkg_acp --> pkg_session
pkg_acp --> pkg_session_persistence
pkg_acp --> pkg_token_meter
pkg_acp --> pkg_user_approval
pkg_api_settings_controller --> pkg_agent_presets
pkg_api_settings_controller --> pkg_credentials
pkg_api_settings_controller --> pkg_native_command
pkg_api_settings_controller --> pkg_session
pkg_api_settings_controller --> pkg_settings
pkg_api_settings_controller --> pkg_typed_protocol
pkg_web_app --> pkg_shell_env
pkg_web_app --> pkg_system_prompt
pkg_compaction_tool_result_pruner --> pkg_compaction
pkg_compaction_tool_result_pruner --> pkg_llm
pkg_compaction_tool_result_pruner --> pkg_session
pkg_compaction_tool_result_pruner --> pkg_token_meter
pkg_tool_cordis --> pkg_agent
pkg_tool_cordis --> pkg_cordis_host_runner
pkg_tool_cordis --> pkg_llm
pkg_tool_cordis --> pkg_scope
pkg_tool_cordis --> pkg_session
pkg_tool_cordis --> pkg_system_prompt
pkg_tool_cordis --> pkg_tools
pkg_host_plugin_inventory --> pkg_agent_presets
pkg_host_plugin_inventory --> pkg_brand
pkg_host_plugin_inventory --> pkg_typed_protocol
pkg_tool_bash --> pkg_agent
pkg_tool_bash --> pkg_jobs
pkg_tool_bash --> pkg_llm
pkg_tool_bash --> pkg_sandbox
pkg_tool_bash --> pkg_sandbox_policy

pkg_tool_bash --> pkg_shell
pkg_tool_bash --> pkg_shell_env
pkg_tool_bash --> pkg_system_prompt
pkg_tool_bash --> pkg_tools
pkg_tool_bash --> pkg_user_approval
pkg_tool_pwsh --> pkg_agent
pkg_tool_pwsh --> pkg_jobs
pkg_tool_pwsh --> pkg_llm
pkg_tool_pwsh --> pkg_sandbox
pkg_tool_pwsh --> pkg_sandbox_policy
pkg_tool_pwsh --> pkg_shell
pkg_tool_pwsh --> pkg_shell_env
pkg_tool_pwsh --> pkg_system_prompt
pkg_tool_pwsh --> pkg_tools
pkg_tool_pwsh --> pkg_user_approval
pkg_webhook --> pkg_agent
pkg_webhook --> pkg_agent_default_model
pkg_webhook --> pkg_agent_presets
pkg_webhook --> pkg_invariants
pkg_webhook --> pkg_llm
pkg_webhook --> pkg_permission_presets
pkg_webhook --> pkg_session
pkg_webhook --> pkg_session_title
pkg_webhook --> pkg_workspace
pkg_subagent --> pkg_agent
pkg_subagent --> pkg_agent_presets
pkg_subagent --> pkg_attachment
pkg_subagent --> pkg_invariants
pkg_subagent --> pkg_jobs
pkg_subagent --> pkg_llm
pkg_subagent --> pkg_sandbox
pkg_subagent --> pkg_sandbox_policy
pkg_subagent --> pkg_scope
pkg_subagent --> pkg_session
pkg_subagent --> pkg_session_persistence
pkg_subagent --> pkg_session_projection
pkg_subagent --> pkg_session_projection_cache
pkg_subagent --> pkg_session_query
pkg_subagent --> pkg_system_prompt
pkg_subagent --> pkg_tools

pkg_subagent --> pkg_typed_protocol
pkg_subagent --> pkg_user_approval
pkg_subagent --> pkg_util_time
pkg_session_query_sqlite --> pkg_session
pkg_session_query_sqlite --> pkg_session_persistence
pkg_session_query_sqlite --> pkg_session_query
pkg_tool_session_query --> pkg_agent
pkg_tool_session_query --> pkg_llm
pkg_tool_session_query --> pkg_session
pkg_tool_session_query --> pkg_session_projection
pkg_tool_session_query --> pkg_session_query
pkg_tool_session_query --> pkg_system_prompt
pkg_tool_session_query --> pkg_timeout
pkg_tool_session_query --> pkg_tools
pkg_compaction_basic --> pkg_agent
pkg_compaction_basic --> pkg_commands
pkg_compaction_basic --> pkg_compaction
pkg_compaction_basic --> pkg_compaction_tool_result_pruner
pkg_compaction_basic --> pkg_llm
pkg_compaction_basic --> pkg_session
pkg_compaction_basic --> pkg_token_meter
pkg_session_reference --> pkg_agent
pkg_session_reference --> pkg_compaction
pkg_session_reference --> pkg_llm
pkg_session_reference --> pkg_output_retention
pkg_session_reference --> pkg_session
pkg_session_reference --> pkg_session_projection
pkg_session_reference --> pkg_session_projection_cache
pkg_session_reference --> pkg_session_query
pkg_session_reference --> pkg_session_title
pkg_session_reference --> pkg_typed_protocol
pkg_webhook_github --> pkg_credentials
pkg_webhook_github --> pkg_host_webserver
pkg_webhook_github --> pkg_session
pkg_webhook_github --> pkg_webhook
pkg_subagent_acp --> pkg_agent
pkg_subagent_acp --> pkg_llm
pkg_subagent_acp --> pkg_session
pkg_subagent_acp --> pkg_subagent
pkg_subagent_acp --> pkg_subprocess

pkg_subagent_acp --> pkg_timeout
pkg_subagent_claude_code --> pkg_llm
pkg_subagent_claude_code --> pkg_session
pkg_subagent_claude_code --> pkg_subagent
pkg_subagent_claude_code --> pkg_subprocess
pkg_subagent_claude_code --> pkg_timeout
pkg_subagent_codex --> pkg_llm
pkg_subagent_codex --> pkg_session
pkg_subagent_codex --> pkg_subagent
pkg_subagent_codex --> pkg_subprocess
pkg_subagent_codex --> pkg_timeout
pkg_subagent_in_process_driver --> pkg_agent
pkg_subagent_in_process_driver --> pkg_llm
pkg_subagent_in_process_driver --> pkg_session
pkg_subagent_in_process_driver --> pkg_subagent
pkg_subagent_in_process_driver --> pkg_system_prompt
pkg_subagent_in_process_driver --> pkg_tools
pkg_tool_subagent --> pkg_agent
pkg_tool_subagent --> pkg_invariants
pkg_tool_subagent --> pkg_jobs
pkg_tool_subagent --> pkg_llm
pkg_tool_subagent --> pkg_scope
pkg_tool_subagent --> pkg_session
pkg_tool_subagent --> pkg_session_projection
pkg_tool_subagent --> pkg_settings
pkg_tool_subagent --> pkg_subagent
pkg_tool_subagent --> pkg_system_prompt
pkg_tool_subagent --> pkg_tools
pkg_tool_subagent_control --> pkg_llm
pkg_tool_subagent_control --> pkg_session
pkg_tool_subagent_control --> pkg_subagent
pkg_tool_subagent_control --> pkg_tools
pkg_hooks_claude_code --> pkg_agent
pkg_hooks_claude_code --> pkg_hook_protocol
pkg_hooks_claude_code --> pkg_llm
pkg_hooks_claude_code --> pkg_session
pkg_hooks_claude_code --> pkg_session_persistence
pkg_hooks_claude_code --> pkg_session_projection
pkg_hooks_claude_code --> pkg_subagent
pkg_hooks_claude_code --> pkg_tools

pkg_api_session_controller --> pkg_agent
pkg_api_session_controller --> pkg_agent_default_model
pkg_api_session_controller --> pkg_agent_presets
pkg_api_session_controller --> pkg_api_gateway
pkg_api_session_controller --> pkg_attachment
pkg_api_session_controller --> pkg_client_connection
pkg_api_session_controller --> pkg_file_reference
pkg_api_session_controller --> pkg_jobs
pkg_api_session_controller --> pkg_llm
pkg_api_session_controller --> pkg_native_command
pkg_api_session_controller --> pkg_scope
pkg_api_session_controller --> pkg_session
pkg_api_session_controller --> pkg_session_persistence
pkg_api_session_controller --> pkg_session_projection
pkg_api_session_controller --> pkg_session_projection_cache
pkg_api_session_controller --> pkg_session_query
pkg_api_session_controller --> pkg_session_title
pkg_api_session_controller --> pkg_skill
pkg_api_session_controller --> pkg_subagent
pkg_api_session_controller --> pkg_typed_protocol
pkg_api_session_controller --> pkg_typed_registry
pkg_api_session_controller --> pkg_util_time
pkg_api_session_controller --> pkg_util_workspace_path
pkg_api_session_controller --> pkg_workspace
pkg_experimental_agent_team --> pkg_agent
pkg_experimental_agent_team --> pkg_invariants
pkg_experimental_agent_team --> pkg_llm
pkg_experimental_agent_team --> pkg_session
pkg_experimental_agent_team --> pkg_session_persistence
pkg_experimental_agent_team --> pkg_session_projection
pkg_experimental_agent_team --> pkg_subagent
pkg_experimental_agent_team --> pkg_typed_protocol
pkg_sdk_protocol --> pkg_llm
pkg_sdk_protocol --> pkg_session
pkg_sdk_protocol --> pkg_subagent
pkg_tool_ralph --> pkg_agent
pkg_tool_ralph --> pkg_llm
pkg_tool_ralph --> pkg_subagent
pkg_tool_ralph --> pkg_system_prompt
pkg_tool_ralph --> pkg_tools

pkg_tool_ralph --> pkg_workflow
pkg_workflow_worker_thread --> pkg_agent
pkg_workflow_worker_thread --> pkg_llm
pkg_workflow_worker_thread --> pkg_session
pkg_workflow_worker_thread --> pkg_subagent
pkg_workflow_worker_thread --> pkg_tools
pkg_workflow_worker_thread --> pkg_workflow
pkg_subagent_fork_in_process --> pkg_agent
pkg_subagent_fork_in_process --> pkg_session
pkg_subagent_fork_in_process --> pkg_subagent
pkg_subagent_fork_in_process --> pkg_subagent_in_process_driver
pkg_subagent_spawn_in_process --> pkg_subagent
pkg_subagent_spawn_in_process --> pkg_subagent_in_process_driver
pkg_experimental_client_ui_agent_team --> pkg_api_remotes
pkg_experimental_client_ui_agent_team --> pkg_api_session_controller
pkg_experimental_client_ui_agent_team --> pkg_client_locale
pkg_experimental_client_ui_agent_team --> pkg_client_ui_conversation
pkg_experimental_client_ui_agent_team --> pkg_client_ui_primitives
pkg_experimental_client_ui_agent_team --> pkg_client_ui_renderer
pkg_experimental_client_ui_agent_team --> pkg_client_ui_session
pkg_experimental_client_ui_agent_team --> pkg_client_ui_slots
pkg_experimental_client_ui_agent_team --> pkg_experimental_agent_team
pkg_experimental_client_ui_agent_team --> pkg_session
pkg_experimental_client_ui_agent_team --> pkg_typed_protocol
pkg_experimental_tool_agent_team --> pkg_agent
pkg_experimental_tool_agent_team --> pkg_experimental_agent_team
pkg_experimental_tool_agent_team --> pkg_session
pkg_experimental_tool_agent_team --> pkg_system_prompt
pkg_experimental_tool_agent_team --> pkg_tools
pkg_sdk_client --> pkg_llm
pkg_sdk_client --> pkg_sdk_protocol
pkg_sdk_client --> pkg_session
pkg_sdk_jsonrpc_server --> pkg_agent
pkg_sdk_jsonrpc_server --> pkg_attachment
pkg_sdk_jsonrpc_server --> pkg_llm
pkg_sdk_jsonrpc_server --> pkg_llm_deepseek
pkg_sdk_jsonrpc_server --> pkg_scope
pkg_sdk_jsonrpc_server --> pkg_sdk_protocol
pkg_sdk_jsonrpc_server --> pkg_session
pkg_sdk_jsonrpc_server --> pkg_subagent

pkg_client_test_runtime --> pkg_api_session_controller
pkg_client_test_runtime --> pkg_api_workspace_controller
pkg_client_test_runtime --> pkg_attachment
pkg_client_test_runtime --> pkg_client_connection
pkg_client_test_runtime --> pkg_client_store
pkg_client_test_runtime --> pkg_client_ui_chat
pkg_client_test_runtime --> pkg_client_ui_conversation
pkg_client_test_runtime --> pkg_client_ui_renderer
pkg_client_test_runtime --> pkg_client_ui_session
pkg_client_test_runtime --> pkg_client_ui_settings
pkg_client_test_runtime --> pkg_client_ui_slots
pkg_client_test_runtime --> pkg_session
pkg_client_test_runtime --> pkg_subagent
pkg_client_test_runtime --> pkg_typer_protocol
pkg_subagent_dsh_sdk --> pkg_agent
pkg_subagent_dsh_sdk --> pkg_llm
pkg_subagent_dsh_sdk --> pkg_sdk_client
pkg_subagent_dsh_sdk --> pkg_session
pkg_subagent_dsh_sdk --> pkg_subagent
pkg_subagent_dsh_sdk --> pkg_subprocess

Ⓜ	ⓂⓂ	Peer ⓂⓂ
atomic-write	util	—
brand	util	—
deque	util	—
home-paths	util	—
launch-environment	util	—
native-command	util	—
output-retention	util	—
timeout	util	—
util-crypto	util	—
util-time	util	—
util-values	util	—
util-workspace-path	util	—
deepseek-llm-api-extensions	llm	—
llm	llm	—
session-log-export	session-query	—

📄	📁	Peer 📄
api-gateway	api	—
cmdline	boot	—
acp-app	bundle	—
base	bundle	—
sdk-app	bundle	—
sdk-minimal	bundle	—
client-connection	client	—
client-hmr	client	—
client-locale	client	—
client-modules	client	—
client-store	client	—
client-ui-agent-preset	client	—
client-ui-approval	client	—
client-ui-attachment	client	—
client-ui-brand-official	client	—
client-ui-chat	client	—
client-ui-commands	client	—
client-ui-conversation	client	—
client-ui-deliverables	client	—
client-ui-directory-picker-browse	client	—
client-ui-directory-picker-native	client	—
client-ui-goal	client	—
client-ui-input-trigger	client	—
client-ui-jobs	client	—
client-ui-layout	client	—
client-ui-message-feedback	client	—
client-ui-model-selection	client	—
client-ui-permission-presets	client	—
client-ui-plan	client	—
client-ui-primitives	client	—
client-ui-reference	client	—
client-ui-renderer	client	—

□	□□	Peer □□
client-ui-schedule	client	—
client-ui-session	client	—
client-ui-settings	client	—
client-ui-settings-general	client	—
client-ui-settings-models	client	—
client-ui-settings-plugin-inventory	client	—
client-ui-settings-plugins	client	—
client-ui-sidebar	client	—
client-ui-skill	client	—
client-ui-slots	client	—
client-ui-subagent	client	—
client-ui-theme	client	—
client-ui-tool	client	—
client-ui-trajectory	client	—
client-ui-user-questions	client	—
client-ui-workflow-run	client	—
client-ui-workspace	client	—
client-web	client	—
code-runtime	code-runtime	—
e2b	e2b	—
experimental-agent-team-profile	experimental	—
experimental-agent-team-web-profile	experimental	—
experimental-webworker-packer	experimental	—
client-ui-cordis	extensions	—
cordis-client-runner	extensions	—
host-directory-picker	host	—
host-directory-picker-browse	host	—
host-directory-picker-native	host	—
host-webserver	host	—
invariants	runtime-diagnostics	—
sandbox-windows-acl	sandbox	—
storage	storage	—

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subprocess	subprocess	—
win32-process	subprocess	—
llm-mock-server	test-support	—
typert-generator	typert	—
typert-protocol	typert	—
typert-registry	typert	—
scope	core	invariants
web	web	llm
attachment	attachment	brand
credentials	credentials	invariants
subprocess-e2b	e2b	e2b , subprocess , timeout
experimental-code-runtime-python	experimental	code-runtime , timeout , util-values
experimental-inspector	experimental	client-modules , host-webserver
experimental-webworker-runtime	experimental	client-connection , client-modules , host-webserver
host-directory-picker-auto	host	client-ui-directory-picker-browse , client-ui-directory-picker-native , host-directory-picker-browse , host-directory-picker-native , host-webserver
host-frontend-static	host	client-connection , host-webserver
anonymous-user-id	identity	brand , home-paths
lsp	lsp	brand , llm
storage-domain	storage	invariants , storage
storage-json	storage	storage
storage-sqlite	storage	storage
subprocess-local	subprocess	subprocess , timeout
typert-loader	typert	typert-registry
session	core	scope
system-prompt	core	invariants , llm , scope
skill	skill	llm , scope
web-fetch-http	web	timeout , web
web-search-exa	web	launch-environment , web
web-search-perplexity	web	launch-environment , web
api-remotes	api	scope
attachment-local	attachment	attachment , home-paths

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authorization	credentials	credentials , invariants , llm
credentials-local	credentials	atomic-write , credentials , home-paths , launch-environment
skill-badge	skill	skill
spill	spill	brand , llm , session
app-boot	boot	home-paths , launch-environment , system-prompt
code-runtime-worker-thread	code-runtime	code-runtime , session , timeout
persona	preset	system-prompt
sandbox	sandbox	llm , session
session-log-deepseek	session	deepseek-llm-api-extensions , invariants , session
session-persistence	session	brand , session , timeout
session-projection	session	session
settings	settings	brand , invariants , session
session-snapshot	test-support	session
agent	core	invariants , llm , scope , session , session-projection , system-prompt , typert-protocol
fs	fs	brand , invariants , llm , sandbox
spill-local	spill	spill
message-feedback	feedback	brand , llm , session , session-persistence , storage-domain , typert-protocol
sandbox-local	sandbox	llm , sandbox , session
session-persistence-jsonl	session	session , session-persistence
session-projection-cache	session	session , session-projection , storage-domain
session-stats	session	llm , session , session-projection
session-turn-outline	session	llm , session , session-projection
settings-file	settings	atomic-write , home-paths , settings
shell	shell	sandbox , settings , subprocess
workspace	workspace	invariants , session , session-persistence , storage , storage-domain , typert-protocol

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llm-deepseek	llm	anonymous-user-id , atomic-write , attachment , credentials , deepseek-llm-api-extensions , fs , home-paths , launch-environment , llm , settings , timeout
llm-pi-ai	llm	attachment , authorization , credentials , fs , launch-environment , llm , settings , timeout
llm-retry	llm	agent , brand , invariants , llm , session , session-projection , timeout
agent-default-model	core	agent , llm , settings
goal	goal	agent , brand , invariants , llm , scope , session , session-projection , typert-protocol
fs-local	fs	fs
fs-observation-policy	fs	fs
skill-filesystem	skill	fs , home-paths , skill
web-search-deepseek	web	agent , credentials , launch-environment , session , settings , web
hook-protocol	hooks	invariants , session , shell
api-workspace-controller	api	api-gateway , client-connection , host-directory-picker , session , storage-domain , typert-protocol , workspace
file-reference	context	agent
time-context	context	agent , invariants , llm , session , session-projection
tmux-context	context	agent , session , session-projection , shell
fs-e2b	e2b	e2b , fs
commands	interaction	agent , attachment , brand , invariants , llm , scope , session , typert-protocol
user-approval	interaction	agent , brand , invariants , llm , scope , session , system-prompt
user-questions	interaction	agent , llm , scope
jobs	jobs	agent , brand , invariants , session
lsp-stdio	lsp	brand , fs , llm , lsp , subprocess , timeout
sandbox-policy	sandbox	agent , invariants , sandbox , session , session-projection , system-prompt
session-telemetry	session	agent , session

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session-title	session	agent , brand , invariants , llm , session , session-projection
bash-local	shell	settings , shell , subprocess , timeout
pwsh-local	shell	settings , shell , subprocess , timeout
terminal	terminal	agent , brand
loader-smoke	test-support	agent , llm , session
workflow	workflow	agent , brand , invariants , llm , session
tools	core	agent , code-runtime , invariants , llm , scope , session , system-prompt , user-approval
command-goal	goal	commands , goal , llm
goal-round-driver	goal	agent , goal , invariants , llm , session
fs-sandbox	fs	fs , fs-local , sandbox , sandbox-policy
headless	bundle	agent , agent-default-model , llm , session
compaction	compaction	brand , commands , invariants , llm , session
command-feedback	feedback	anonymous-user-id , commands , session , session-telemetry
permission-presets	interaction	commands , invariants , sandbox , sandbox-policy , session , session-projection , settings , shell , user-approval
jobs-local	jobs	agent , jobs , scope , timeout
session-title-llm	session	llm , session , session-title , timeout
bash-sandbox	shell	bash-local , sandbox , sandbox-policy , shell
pwsh-sandbox	shell	pwsh-local , sandbox , sandbox-policy , shell
terminal-bash	terminal	agent , sandbox , sandbox-policy , session , session-projection , subprocess , terminal
token-meter	llm	compaction , llm , llm-retry , session , session-projection
agent-loop	core	agent , invariants , llm , scope , session , session-persistence , session-projection , settings , system-prompt , tools
agent-tool-presentation	core	tools

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tool-goal	goal	agent , goal , llm , session , session-projection , system-prompt , tools
tool-fs	fs	attachment , fs , llm , sandbox , sandbox-policy , session , system-prompt , tools , user-approval
tool-fs-search	fs	llm , output-retention , session , spill , subprocess , system-prompt , timeout , tools
tool-str-replace-editor	fs	fs , sandbox , sandbox-policy , tools
tool-skill	skill	agent , llm , skill , tools
tool-web	web	llm , system-prompt , tools , web
spill-policy	spill	llm , output-retention , session , spill , tools
tool-todo	todo	agent , invariants , session , session-projection , tools
plan-mode	plan	agent , commands , invariants , llm , session , session-projection , system-prompt , tools , user-questions
hooks-codex	hooks	agent , hook-protocol , llm , session , session-persistence , session-projection , tools
command-compact	compaction	commands , compaction
agent-instructions	context	agent , fs , home-paths , llm , session , session-projection , tools
file-reference-local	context	agent , file-reference , system-prompt , tools
cordis-host-runner	extensions	agent , brand , llm , scope , session , tools , typert-protocol
repeat-tool-reminder	guard	agent , tools
tool-call-timeout-policy	guard	llm , timeout , tools
tool-ask-user	interaction	agent , tools , user-questions
tool-jobs	jobs	agent , jobs , llm , output-retention , system-prompt , tools
tool-lsp	lsp	llm , lsp , system-prompt , timeout , tools
mcp-client	mcp	attachment , llm , scope , subprocess , timeout , tools
agent-presets	preset	agent , atomic-write , home-paths , invariants , scope , session , session-projection , settings , system-prompt , tools , typert-protocol

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schedule	schedule	agent , brand , invariants , llm , session , session-persistence , session-projection , tools
session-checkpoint-policy	session	agent , llm , session , session-persistence , tools
session-telemetry-otel	session	anonymous-user-id , command-feedback , llm , session , session-telemetry
session-title-all-prompts-llm	session	llm , session , session-title , session-title-llm
session-title-first-prompt-llm	session	llm , session , session-title , session-title-llm
shell-env	shell	home-paths , session-persistence , shell , tools
tool-bash-persistent	shell	agent , terminal , timeout , tools
tool-pwsh-persistent	shell	agent , terminal , timeout , tools
tool-terminal	terminal	agent , jobs , llm , output-retention , system-prompt , terminal , tools
agent-loop-testkit	test-support	agent , llm , session , system-prompt , tools
llm-replay	test-support	compaction , deepseek-llm-api-extensions , llm , session
tool-workflow	workflow	agent , invariants , llm , session , system-prompt , tools , workflow
plugin-package-inventory-deepseek	llm	agent , agent-presets , deepseek-llm-api-extensions , session
session-query	session-query	brand , llm , session , session-persistence , session-projection , session-projection-cache , session-title , tool-todo
acp	acp	agent , attachment , llm , mcp-client , session , session-persistence , token-meter , user-approval
api-settings-controller	api	agent-presets , credentials , native-command , session , settings , typert-protocol
web-app	bundle	shell-env , system-prompt
compaction-tool-result-pruner	compaction	compaction , llm , session , token-meter
tool-cordis	extensions	agent , cordis-host-runner , llm , scope , session , system-prompt , tools
host-plugin-inventory	host	agent-presets , brand , typert-protocol
tool-bash	shell	agent , jobs , llm , sandbox , sandbox-policy , shell , shell-env , system-prompt , tools , user-approval

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tool-pwsh	shell	agent , jobs , llm , sandbox , sandbox-policy , shell , shell-env , system-prompt , tools , user-approval
webhook	webhook	agent , agent-default-model , agent-presets , invariants , llm , permission-presets , session , session-title , workspace
subagent	subagent	agent , agent-presets , attachment , invariants , jobs , llm , sandbox , sandbox-policy , scope , session , session-persistence , session-projection , session-projection-cache , session-query , system-prompt , tools , typert-protocol , user-approval , util-time
session-query-sqlite	session-query	session , session-persistence , session-query
tool-session-query	session-query	agent , llm , session , session-projection , session-query , system-prompt , timeout , tools
compaction-basic	compaction	agent , commands , compaction , compaction-tool-result-pruner , llm , session , token-meter
session-reference	context	agent , compaction , llm , output-retention , session , session-projection , session-projection-cache , session-query , session-title , typert-protocol
webhook-github	webhook	credentials , host-webserver , session , webhook
subagent-acp	subagent	agent , llm , session , subagent , subprocess , timeout
subagent-claude-code	subagent	llm , session , subagent , subprocess , timeout
subagent-codex	subagent	llm , session , subagent , subprocess , timeout
subagent-in-process-driver	subagent	agent , llm , session , subagent , system-prompt , tools
tool-subagent	subagent	agent , invariants , jobs , llm , scope , session , session-projection , settings , subagent , system-prompt , tools
tool-subagent-control	subagent	llm , session , subagent , tools
hooks-claude-code	hooks	agent , hook-protocol , llm , session , session-persistence , session-projection , subagent , tools

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api-session-controller	api	agent , agent-default-model , agent-presets , api-gateway , attachment , client-connection , file-reference , jobs , llm , native-command , scope , session , session-persistence , session-projection , session-projection-cache , session-query , session-title , skill , subagent , typert-protocol , typert-registry , util-time , util-workspace-path , workspace
experimental-agent-team	experimental	agent , invariants , llm , session , session-persistence , session-projection , subagent , typert-protocol
sdk-protocol	sdk	llm , session , subagent
tool-ralph	workflow	agent , llm , subagent , system-prompt , tools , workflow
workflow-worker-thread	workflow	agent , llm , session , subagent , tools , workflow
subagent-fork-in-process	subagent	agent , session , subagent , subagent-in-process-driver
subagent-spawn-in-process	subagent	subagent , subagent-in-process-driver
experimental-client-ui-agent-team	experimental	api-remotes , api-session-controller , client-locale , client-ui-conversation , client-ui-primitives , client-ui-renderer , client-ui-session , client-ui-slots , experimental-agent-team , session , typert-protocol
experimental-tool-agent-team	experimental	agent , experimental-agent-team , session , system-prompt , tools
sdk-client	sdk	llm , sdk-protocol , session
sdk-jsonrpc-server	sdk	agent , attachment , llm , llm-deepseek , scope , sdk-protocol , session , subagent
client-test-runtime	test-support	api-session-controller , api-workspace-controller , attachment , client-connection , client-store , client-ui-chat , client-ui-conversation , client-ui-renderer , client-ui-session , client-ui-settings , client-ui-slots , session , subagent , typert-protocol
subagent-dsh-sdk	subagent	agent , llm , sdk-client , session , subagent , subprocess