



Sep 06, 16 13:02

debian.layout

Page 1/2

```

{
  "_type": "Layout",
  "keys": [
    {
      "key1": {
        "pubkey": "stuff"
      }
    },
    {
      "key2": {
        "pubkey": "stuff"
      }
    }
  ],
  "steps": [
    {
      "_name": "upstream",
      "_type": "Subchain",
      "materials": [
        [
          "CREATE",
          ""
        ]
      ],
      "products": [
        [
          "CREATE",
          "orig.tar.gz"
        ]
      ],
      "pubkeys": [
        "key2"
      ]
    },
    {
      "_name": "debianize",
      "_type": "Link",
      "expected_command": {
        "flags": [],
        "run": ""
      },
      "materials": [
        [
          "MATCH",
          "PRODUCT",
          "orig.tar.gz",
          "FROM",
          "upstream"
        ]
      ],
      "products": [
        [
          "CREATE",
          "diff.tar.gz"
        ]
      ],
      "pubkeys": [
        "key1"
      ]
    },
    {
      "_name": "package",
      "_type": "Link",
      "expected_command": {
        "flags": [
          "-c",
          "diff.tar.gz"
        ],
        "run": "debbuild"
      },
      "materials": [
        [
          "MATCH",
          "PRODUCT",
          "orig.tar.gz",
          "FROM",
          "upstream"
        ],
        [
          "MATCH",
          "PRODUCT",
          "diff.tar.gz",
          "FROM",
          "debianize"
        ]
      ],
      "products": [
        [
          "CREATE",
          "package.deb"
        ]
      ],
      "pubkeys": [
        "key1"
      ]
    },
    {
      "_name": "dpkg",
      "_type": "Validation",
      "command": {
        "flags": [
          "-i",
          "package.deb"
        ],
        "run": "dpkg"
      },
      "materials": [
        [
          "MATCH",
          "PRODUCT",
          "package.deb",
          "FROM",
          "package"
        ]
      ],
      "products": [

```

```

Sep 06, 16 13:02      debian.layout      Page 2/2

    [
      "MATCH",
      "MATERIAL",
      "*",
      "FROM",
      "upstream"
    ]
  ],
  {
    "_name": "verify_rsl",
    "_type": "Validation",
    "command": {
      "flags": [
        "validate_rsl",
        "-p",
        "PUBKEYS"
      ],
      "run": "toto-link"
    },
    "materials": [],
    "products": [
      [
        "MATCH",
        "MATERIAL",
        "*",
        "FROM",
        "upstream"
      ]
    ]
  }
}

```

```

{
  "_type": "Layout",
  "keys": [
    {
      "key1": {
        "pubkey": "stuff"
      }
    },
    {
      "key2": {
        "pubkey": "stuff"
      }
    },
    {
      "key3": {
        "pubkey": "stuff"
      }
    }
  ],
  "steps": [
    {
      "_name": "pre-release",
      "_type": "Subchain",
      "materials": [],
      "products": [
        [
          "CREATE",
          ""
        ]
      ],
      "pubkeys": [
        "key1"
      ]
    },
    {
      "_name": "build-test",
      "_type": "Subchain",
      "materials": [
        [
          "MATCH",
          "PRODUCT",
          "",
          "FROM",
          "pre-release"
        ]
      ],
      "products": [
        [
          "CREATE",
          "files.tar.gz"
        ],
        [
          "DROP",
          ""
        ]
      ],
      "pubkeys": [
        "key2"
      ]
    },
    {
      "_name": "pypi-package",
      "_type": "Link",
      "expected_command": {
        "flags": [
          "setup.py",
          "sdist"
        ]
      },
      "run": "python"
    },
    {
      "materials": [
        [
          "MATCH",
          "PRODUCT",
          "files.tar.gz",
          "FROM",
          "build-test"
        ]
      ],
      "products": [
        [
          "CREATE",
          "django.python27.egg"
        ]
      ],
      "pubkeys": [
        "key3"
      ]
    },
    {
      "_name": "verify_rsl",
      "_type": "Validation",
      "command": {
        "flags": [
          "validate_rsl",
          "-p",
          "PUBKEYS"
        ]
      },
      "run": "toto-link"
    },
    {
      "materials": [],
      "products": [
        [
          "MATCH",
          "MATERIAL",
          "",
          "FROM",
          "pre-release"
        ]
      ]
    }
  ]
}

```

```
{
  "_type": "Layout",
  "keys": [
    {
      "key1": {
        "pubkey": "stuff"
      }
    },
    {
      "key2": {
        "pubkey": "stuff"
      }
    }
  ],
  "steps": [
    {
      "_name": "upstream",
      "_type": "Link",
      "expected_command": {
        "flags": [
          "tag"
        ],
        "run": "git"
      },
      "materials": [],
      "products": [
        [
          "CREATE",
          ""
        ]
      ],
      "pubkeys": [
        "key1"
      ]
    },
    {
      "_name": "buildbot",
      "_type": "Link",
      "expected_command": {
        "flags": [
          "run"
        ],
        "run": "buildbot"
      },
      "materials": [
        [
          "MATCH",
          "PRODUCT",
          "",
          "FROM",
          "upstream"
        ]
      ],
      "products": [],
      "pubkeys": [
        "key2"
      ]
    }
  ]
}
```

Sep 06, 16 13:02

simple\_layout.layout

Page 1/2

```

{
  "_type": "Layout",
  "keys": [
    {
      "key1": {
        "pubkey": "stuff"
      }
    },
    {
      "key2": {
        "pubkey": "stuff"
      }
    }
  ],
  "steps": [
    {
      "_name": "git",
      "_type": "Link",
      "expected_command": {
        "flags": [
          "tag"
        ],
        "run": "git"
      },
      "materials": [],
      "products": [
        [
          "CREATE",
          ""
        ]
      ],
      "pubkeys": [
        "key1"
      ]
    },
    {
      "_name": "compile",
      "_type": "Link",
      "expected_command": {
        "flags": [
          "-O3",
          "-Wall",
          "--gnu-source"
        ],
        "run": "gcc"
      },
      "materials": [
        [
          "MATCH",
          "PRODUCT",
          "",
          "FROM",
          "git"
        ]
      ],
      "products": [
        [
          "CREATE",
          "foo.exe"
        ]
      ],
      "pubkeys": [
        "key2"
      ]
    },
    {
      "_name": "pack",
      "_type": "Link",
      "expected_command": {
        "flags": [
          "-zcvf",
          "foo.exe"
        ],
        "run": "tar"
      },
      "materials": [
        [
          "MATCH",
          "PRODUCT",
          "",
          "FROM",
          "comp"
        ],
        [
          "MATCH",
          "PRODUCT",
          "LICENSE",
          "FROM",
          "git"
        ]
      ],
      "products": [
        [
          "CREATE",
          "pkg.tar.gz"
        ]
      ],
      "pubkeys": [
        "key2"
      ]
    },
    {
      "_name": "untar",
      "_type": "Validation",
      "command": {
        "flags": [
          "tar",
          "-zxvf",
          "pkg.tar.gz"
        ],
        "run": "toto-link"
      }
    }
  ]
}

```

Sep 06, 16 13:02

simple\_layout.layout

Page 2/2

```

      "materials": [
        [
          "MATCH",
          "PRODUCT",
          "pkg.tar.gz",
          "FROM",
          "pack"
        ]
      ],
      "products": [
        [
          "MATCH",
          "PRODUCT",
          "",
          "FROM",
          "comp"
        ]
      ]
    },
    {
      "_name": "verify_rsl",
      "_type": "Validation",
      "command": {
        "flags": [
          "rsl",
          "-p",
          "PUBKEYS"
        ],
        "run": "validate_rsl"
      },
      "materials": [
        [
          "MATCH",
          "PRODUCT",
          "",
          "FROM",
          "git"
        ]
      ],
      "products": []
    }
  ]
}

```

| Sep 06, 16 13:02  | tails.layout | Page 1/2 |
|---|--------------|----------|
| <pre> {   "_type": "Layout",   "keys": [     {       "KEYID1": {         "pubkey": "stuff"       }     },     {       "KEYID2": {         "pubkey": "stuff"       }     }   ],   "steps": [     {       "_name": "pre-release",       "_type": "Subchain",       "materials": [],       "products": [         [           "CREATE",           ""         ]       ],       "pubkeys": [         [           "key1"         ]       ]     },     {       "_name": "configure_lb",       "_type": "Link",       "expected_command": {         "flags": [],         "run": "toto_vi"       },       "materials": [         [           "MATCH",           "PRODUCT",           "",           "FROM",           "pre-release"         ]       ],       "products": [         [           "CREATE",           "lb_config"         ]       ],       "pubkeys": [         [           "key2"         ]       ]     },     {       "_name": "clone_lb",       "_type": "Subchain",       "materials": [],       "products": [         [           "MODIFY",           ""         ]       ],       "pubkeys": [         [           "key2"         ]       ]     },     {       "_name": "build",       "_type": "Link",       "expected_command": {         "flags": [],         "run": "lb_build"       },       "materials": [         [           "MATCH",           "PRODUCT",           "",           "FROM",           "clone_lb"         ],         [           "MATCH",           "PRODUCT",           "lb_config",           "FROM",           "configure_lb"         ],         [           "MATCH",           "PRODUCT",           "",           "FROM",           "pre-release"         ]       ],       "products": [         [           "MODIFY",           ""         ]       ],       "pubkeys": [         [           "key2"         ]       ]     },     {       "_name": "verify_rsl",       "_type": "Validation",       "command": {         "flags": [           "validate_rsl",           "-p", </pre> |              |          |

| Sep 06, 16 13:02   | tails.layout | Page 2/2 |
|--|--------------|----------|
| <pre>       "PUBKEYS"     ],     "run": "toto-link"   },   "materials": [],   "products": [     [       "CREATE",       "tails.iso"     ]   ] } ] } } } </pre> |              |          |