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archiso.layout

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```

{
  "_type": "Layout",
  "keys": [
    {
      "key1": {
        "pubkey": "stuff"
      }
    },
    {
      "key2": {
        "pubkey": "stuff"
      }
    }
  ],
  "steps": [
    {
      "_name": "profiling",
      "_type": "Link",
      "materials": [],
      "products": [
        "pin profile_file"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "edit_folder_structure",
      "_type": "Link",
      "materials": [],
      "products": [
        "update folders.tar.gz"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "bootloader_config",
      "_type": "Link",
      "materials": [
        "match product folders.tar.gz from edit_folder_structure"
      ],
      "products": [
        "update folders.tar.gz"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "login_config",
      "_type": "Link",
      "materials": [
        "match product folders.tar.gz from bootloader_config"
      ],
      "products": [
        "update folders.tar.gz"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "upstream",
      "_type": "Subchain",
      "materials": [],
      "products": [
        "update clone.sh"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "versioning",
      "_type": "Link",
      "materials": [
        "match product clone.sh from upstream"
      ],
      "products": [
        "pin build.sh"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "build",
      "_type": "Link",
      "materials": [
        "match product build.sh from versioning",
        "match product folders.tar.gz from login_config"
      ],
      "products": [
        "create archlinux-multiarch.iso"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    }
  ]
}

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archiso.layout

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    ],
    {
      "_name": "verify_rsl",
      "_type": "Validation",
      "flags": [
        "validate_rsl",
        "-p",
        "PUBKEYS"
      ],
      "materials": [],
      "products": [
        "match product bulid.sh from upstream"
      ],
      "run": "toto-link"
    }
  ]
}

```

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{
  "_type": "Layout",
  "keys": [
    {
      "key1": {
        "pubkey": "stuff"
      }
    },
    {
      "key2": {
        "pubkey": "stuff"
      }
    }
  ],
  "steps": [
    {
      "_name": "upstream",
      "_type": "Subchain",
      "materials": [
        "pin *"
      ],
      "products": [
        "pin orig.tar.gz"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "debianize",
      "_type": "Link",
      "materials": [
        "match product orig.tar.gz from upstream"
      ],
      "products": [
        "pin diff.tar.gz"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "package",
      "_type": "Link",
      "materials": [
        "match product orig.tar.gz from upstream",
        "match product diff.tar.gz from debianize"
      ],
      "products": [
        "pin package.deb"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "dpkg",
      "_type": "Validation",
      "flags": [
        "-i",
        "package.deb"
      ],
      "materials": [
        "match product package.deb from package"
      ],
      "products": [
        "match material * from upstream"
      ],
      "run": "dpkg"
    },
    {
      "_name": "verify_rsl",
      "_type": "Validation",
      "flags": [
        "validate_rsl",
        "-p",
        "PUBKEYS"
      ],
      "materials": [],
      "products": [
        "match material * from upstream"
      ],
      "run": "toto-link"
    }
  ]
}

```

```

{
  "_type": "Layout",
  "keys": [
    {
      "key1": {
        "pubkey": "stuff"
      }
    },
    {
      "key2": {
        "pubkey": "stuff"
      }
    }
  ],
  "steps": [
    {
      "_name": "pre-release",
      "_type": "Subchain",
      "materials": [],
      "products": [
        "pin *"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "build-test",
      "_type": "Subchain",
      "materials": [
        "match product * from pre-release"
      ],
      "products": [
        "pin files.tar.gz",
        "drop *"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "pypi-package",
      "_type": "Link",
      "materials": [
        "match product files.tar.gz from build-test"
      ],
      "products": [
        "pin django.python27.egg"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "verify_rsl",
      "_type": "Validation",
      "flags": [
        "validate_rsl",
        "-p",
        "PUBKEYS"
      ],
      "materials": [],
      "products": [
        "match material * from pre-release"
      ],
      "run": "toto-link"
    }
  ]
}

```

```
{
  "_type": "Layout",
  "keys": [
    {
      "key1": {
        "pubkey": "stuff"
      }
    },
    {
      "key2": {
        "pubkey": "stuff"
      }
    }
  ],
  "steps": [
    {
      "_name": "upstream",
      "_type": "Link",
      "materials": [],
      "products": [
        "pin *"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "buildbot",
      "_type": "Link",
      "materials": [
        "match product * from upstream"
      ],
      "products": [],
      "pubkeys": [
        "PUBKEY"
      ]
    }
  ]
}
```

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{
  "_type": "Layout",
  "keys": [
    {
      "key1": {
        "pubkey": "stuff"
      }
    },
    {
      "key2": {
        "pubkey": "stuff"
      }
    }
  ],
  "steps": [
    {
      "_name": "git",
      "_type": "Link",
      "materials": [],
      "products": [
        "pin *"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "compile",
      "_type": "Link",
      "materials": [
        "match product * from git"
      ],
      "products": [
        "pin foo.exe"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "pack",
      "_type": "Link",
      "materials": [
        "match product * from comp",
        "match product LICENSE from git",
        "drop *"
      ],
      "products": [
        "pin pkg.tar.gz"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "untar",
      "_type": "Validation",
      "flags": [
        "tar",
        "-zxvf",
        "pkg.tar.gz"
      ],
      "materials": [
        "match product pkg.tar.gz from pack"
      ],
      "products": [
        "match product * from comp"
      ],
      "run": "toto-link"
    },
    {
      "_name": "verify_rsl",
      "_type": "Validation",
      "flags": [
        "validate_rsl",
        "-p",
        "PUBKEYS"
      ],
      "materials": [
        "match product * from git"
      ],
      "products": [],
      "run": "toto-link"
    }
  ]
}

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{
  "_type": "Layout",
  "keys": [
    {
      "key1": {
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    },
    {
      "key2": {
        "pubkey": "stuff"
      }
    }
  ],
  "steps": [
    {
      "_name": "pre-release",
      "_type": "Subchain",
      "materials": [],
      "products": [
        "pin *"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "configure_lb",
      "_type": "Link",
      "materials": [
        "match product * from pre-release"
      ],
      "products": [
        "pin lb_config"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "clone_lb",
      "_type": "Subchain",
      "materials": [],
      "products": [
        "pin *"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "build",
      "_type": "Link",
      "materials": [
        "match product * from clone_lb",
        "match product lb_config from configure_lb",
        "match product * from pre-release"
      ],
      "products": [
        "pin *"
      ],
      "pubkeys": [
        "PUBKEY"
      ]
    },
    {
      "_name": "verify_rsl",
      "_type": "Validation",
      "flags": [
        "validate_rsl",
        "-p",
        "PUBKEYS"
      ],
      "materials": [],
      "products": [
        "pin tails.iso"
      ],
      "run": "toto-link"
    }
  ]
}

```