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|  |  |  |
|  | Zoo Architecture |  |
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|  | 19 Jun 2023 19:20:52 |  |
|  |  |  |

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|  | Purpose | | |  |
|  |  |  |  |  |
|  | An ArchiMate model for Zoo. This model is used to: 1) Maintain an architecture of my personal IT initiatives for documentation purposes. 2) Practice ArchiMate modeling to develop and maintain my modeling skills. 3) Educate and spread awareness on the importance of enterprise architecture and how to use the ArchiMate framework. The Capability Map is a good starting point to follow along and understand the model. Tag dictionary: {"D"=deprecated, "R"=redacted, "E"=elsewhere}. \*This project is licensed under the MIT license\* | | |  |
|  | Properties | | |  |
|  |  |  |  |  |
|  | |  |  | | --- | --- | | author | Frost | | source | https://github.com/FrostTusk/Zoo-ArchiMate | | version | 1.3 | | | |  |
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|  | Zoo Architecture | 2 | / 69 |  |

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|  |  |  |  |  |  |  |
|  | Views | | | | |  |
|  |  |  |  |  |  |  |
|  | [!] Capability Map | | | | |  |
|  | Capability viewpoint | | | | |  |
|  |  |  |  |  |  |  |
|  |  | | | | |  |
|  | Documentation | | | | |  |
|  |  |  |  |  |  |  |
|  | Outlines the capabilities of Zoo. | | | | |  |
|  | Properties | | | | |  |
|  |  |  |  |  |  |  |
|  | |  |  | | --- | --- | | author | Frost | | version | 1.1 | | status | draft | | | | | |  |
|  | Elements | | | |  |  |
|  |  |  |  |  |  |  |
|  | Element | Type | | |  |  |
|  | Able to easily stream movie content | Outcome | | |  |  |
|  | Able to play video games | Outcome | | |  |  |
|  | Able to publish documentation for projects. | Outcome | | |  |  |
|  | Able to remotely access the network | Outcome | | |  |  |
|  | Automated my home | Outcome | | |  |  |
|  | Automatically back-up data and critical configuration | Outcome | | |  |  |
|  | Connect tea-house to zoo-web | Outcome | | |  |  |
|  | Cross-platform smart home control | Outcome | | |  |  |
|  | Custom application development | Capability | | |  |  |
|  | Development | Capability | | |  |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | 3 | / 69 | |  |

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|  |  |  |  |  |  |  |
|  | Element | Type | | |  |  |
|  | Digital Entertainment | Capability | | |  |  |
|  | Easily accessible knowledge | Outcome | | |  |  |
|  | Have a cutting edge virtual assistant | Outcome | | |  |  |
|  | Have a maintable enterprise architecture | Outcome | | |  |  |
|  | Have a networking home-lab | Outcome | | |  |  |
|  | Have a personal portfolio website. | Outcome | | |  |  |
|  | Have a project roadmap | Outcome | | |  |  |
|  | Have a web front-end for Malibu Point | Outcome | | |  |  |
|  | Have a zoo bookmark/launchpad | Outcome | | |  |  |
|  | Have an extensible host and domain naming scheme | Outcome | | |  |  |
|  | Have own email. | Outcome | | |  |  |
|  | Have smart devices connected to a central IoT hub | Outcome | | |  |  |
|  | Home Automation | Capability | | |  |  |
|  | Information Security Management | Capability | | |  |  |
|  | Infrastructural Support | Capability | | |  |  |
|  | Intrusion Detection | Outcome | | |  |  |
|  | Network health monitoring | Outcome | | |  |  |
|  | Performant internet access | Outcome | | |  |  |
|  | Protected web log-in access to network. | Outcome | | |  |  |
|  | Provide Custom IT Services | Capability | | |  |  |
|  | Secure network infrastructure | Outcome | | |  |  |
|  | Self-hosted network file storage | Outcome | | |  |  |
|  | Simple security management system | Outcome | | |  |  |
|  | Website Hosting | Capability | | |  |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | 4 | / 69 | |  |

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|  |  |  |  |  |  |  |  |
|  | [GE] Capability Realization | | | | | |  |
|  | No viewpoint | | | | | |  |
|  |  |  |  |  |  |  |  |
|  |  | | |  |  |  |  |
|  | Elements | | | | |  |  |
|  |  |  |  |  |  |  |  |
|  | Element | Type | | | |  |  |
|  | Development | Capability | | | |  |  |
|  | G.I.N.G.E.R. | Application Component | | | |  |  |
|  | GitHub Boards | Representation | | | |  |  |
|  | Have a project roadmap | Outcome | | | |  |  |
|  | Zoo-ArchiMate | Representation | | | |  |  |
|  |  |  |  |  |  |  |  |
|  | Zoo Architecture | | 5 | | / 69 | |  |

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|  | [GEGI] G.I.N.G.E.R. | | | | | |  |
|  | Application Structure viewpoint | | | | | |  |
|  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |
|  | Elements | | | | |  |  |
|  |  |  |  |  |  |  |  |
|  | Element | Type | | | |  |  |
|  | G.I.N.G.E.R. | Application Component | | | |  |  |
|  | Tunnels | Application Component | | | |  |  |
|  |  |  |  |  |  |  |  |
|  | Zoo Architecture | | | 6 | / 69 | |  |

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|  |  |  |  |  |  |  |
|  | [MP] Capability Realization | | | | |  |
|  | Outcome Realization viewpoint | | | | |  |
|  |  |  |  |  |  |  |
|  |  | | | | |  |
|  | Elements | | | |  |  |
|  |  |  |  |  |  |  |
|  | Element | Type | | |  |  |
|  | Automated my home | Outcome | | |  |  |
|  | Home Automation | Capability | | |  |  |
|  | Home Automation | Business Service | | |  |  |
|  | IoT Dashboard | Business Service | | |  |  |
|  | IoT Hub | Application Service | | |  |  |
|  | lil almanac | Application Component | | |  |  |
|  | Mobile App | Application Service | | |  |  |
|  | Virtual Assistant | Business Service | | |  |  |
|  | Voice Assistant | Application Service | | |  |  |
|  | Website | Application Service | | |  |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | 7 | / 69 | |  |

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|  |  |  |  |  |  |  |
|  | [MP] Home Assistant Usage | | | | |  |
|  | Application Usage viewpoint | | | | |  |
|  |  |  |  |  |  |  |
|  |  | | | | |  |
|  | Elements | | | |  |  |
|  |  |  |  |  |  |  |
|  | Element | Type | | |  |  |
|  | Arriving home | Application Process | | |  |  |
|  | Arriving home at night | Application Process | | |  |  |
|  | Arriving home when it's hot | Application Process | | |  |  |
|  | Automations | Application Component | | |  |  |
|  | Camera web server | Application Component | | |  |  |
|  | generic mp4 | Application Interaction | | |  |  |
|  | Glances integration | Application Interaction | | |  |  |
|  | Glances server | Application Component | | |  |  |
|  | Google Assistant | Application Component | | |  |  |
|  | Google Cast | Application Interaction | | |  |  |
|  | Home Assistant | Application Collaboration | | |  |  |
|  | Home Assistant Core | Application Component | | |  |  |
|  | Integrations | Application Component | | |  |  |
|  | Leaving home | Application Process | | |  |  |
|  | Lovelace | Application Component | | |  |  |
|  | met.no | Application Interaction | | |  |  |
|  | speedtest | Application Interaction | | |  |  |
|  | system monitor | Application Interaction | | |  |  |
|  | Time | Application Interaction | | |  |  |
|  | Tuya developer IOT | Application Component | | |  |  |
|  | Tuya integration | Application Interaction | | |  |  |
|  | WebOs | Application Component | | |  |  |
|  | Went live on twitch | Application Process | | |  |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | 8 | / 69 | |  |

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|  |  |  |  |  |  |  |
|  | [MP] Layered Services | | | | |  |
|  | Layered viewpoint | | | | |  |
|  |  |  |  |  |  |  |
|  |  | | | | |  |
|  | Documentation | | | | |  |
|  |  |  |  |  |  |  |
|  | Shows how Malibu-Point services interact with each other to provide the desired Home Automation functionality. | | | | |  |
|  | Elements | | | |  |  |
|  |  |  |  |  |  |  |
|  | Element | Type | | |  |  |
|  | Google Assistant | Application Component | | |  |  |
|  | Home Assistant | Application Component | | |  |  |
|  | Home Automation | Business Service | | |  |  |
|  | IoT Dashboard | Business Service | | |  |  |
|  | IoT Hub | Application Service | | |  |  |
|  | MEEEEE :3 | Business Actor | | |  |  |
|  | Mobile App | Application Service | | |  |  |
|  | Virtual Assistant | Business Service | | |  |  |
|  | Voice Assistant | Application Service | | |  |  |
|  | Website | Application Service | | |  |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | 10 | / 69 | |  |

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|  | [ZN] On-Premise Technology | | | | |  |
|  | Technology Usage viewpoint | | | | |  |
|  |  |  |  |  |  |  |
|  |  | | | | |  |
|  | Documentation | | | | |  |
|  |  |  |  |  |  |  |
|  | This view shows the various devices connected to the zoo-net on-premise network. To-Do's: 1, Add IP addresses 2. Validate properties | | | | |  |
|  | Properties | | | | |  |
|  |  |  |  |  |  |  |
|  | |  |  | | --- | --- | | author | Frost | | version | 1.2 | | status | draft | | | | | |  |
|  | Elements | | | |  |  |
|  |  |  |  |  |  |  |
|  | Element | Type | | |  |  |
|  | [TOBE] Nextcloud | Application Component | | |  |  |
|  | [TOBE] Plex | Application Component | | |  |  |
|  | Ad-hoc server | Node | | |  |  |
|  | ailurus | Device | | |  |  |
|  | Apache | Application Component (Web Server) | | |  |  |
|  | aquila: phone | Device | | |  |  |
|  | arctos pay-attention | Application Component | | |  |  |
|  | aslan | Communication Network | | |  |  |
|  | back-up server | Node | | |  |  |
|  | backbone | Communication Network | | |  |  |
|  | Camera web server | Application Component | | |  |  |
|  | chromecast | Node | | |  |  |
|  | Cloudflared | Application Component | | |  |  |
|  | compiled web page | Artifact | | |  |  |
|  | Debian | System Software (Operating System) | | |  |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | 11 | / 69 | |  |

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|  |  |  |  |  |  |  |
|  | Element | Type | | |  |  |
|  | Desktop PC | Device | | |  |  |
|  | docker container | System Software | | |  |  |
|  | DokuWiki | Application Component (Website) | | |  |  |
|  | DVD Player | Device | | |  |  |
|  | eeyore | Communication Network | | |  |  |
|  | entertainment system | Node | | |  |  |
|  | external storage | Device | | |  |  |
|  | file server | Node | | |  |  |
|  | G.I.N.G.E.R. documentation | Application Component (Website) | | |  |  |
|  | Glances server | Application Component | | |  |  |
|  | gonatus: switch | Node | | |  |  |
|  | gulo: laptop | Device | | |  |  |
|  | Home Assistant Core | Application Component | | |  |  |
|  | hyeana | Device | | |  |  |
|  | Intrusion detection system (IDS) | Application Component | | |  |  |
|  | Launchpad | Application Component (Website) | | |  |  |
|  | main server | Node | | |  |  |
|  | milvago: phone | Device | | |  |  |
|  | MySQL database | Application Component | | |  |  |
|  | nest mini | Node | | |  |  |
|  | pi-hole | Application Component | | |  |  |
|  | Portfolio | Application Component (Website) | | |  |  |
|  | raspberry pi 4 | Node | | |  |  |
|  | raspbian | System Software (Operating System) | | |  |  |
|  | reinaart | Communication Network | | |  |  |
|  | retropie | Application Component | | |  |  |
|  | ROM USB | Device | | |  |  |
|  | router (carcharadon) | Node | | |  |  |
|  | security camera | Device | | |  |  |
|  | sftp server | Application Component | | |  |  |
|  | Squid Proxy | Application Component | | |  |  |
|  | telenet: modem/router | Node | | |  |  |
|  | TV | Device | | |  |  |
|  | VLC | Application Component | | |  |  |
|  | VPN server | Application Component | | |  |  |
|  | WebOs | Application Component | | |  |  |
|  | Zoo ArchiMate documentation | Application Component (Website) | | |  |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | 12 | / 69 | |  |

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|  |  |  |  |  |  |  |
|  | [ZW] Capability Realization | | | | |  |
|  | Outcome Realization viewpoint | | | | |  |
|  |  |  |  |  |  |  |
|  |  | | | | |  |
|  | Documentation | | | | |  |
|  |  |  |  |  |  |  |
|  | Shows what main components realize the zoo-web capability. | | | | |  |
|  | Properties | | | | |  |
|  |  |  |  |  |  |  |
|  | |  |  | | --- | --- | | author | Frost | | version | 1.0 | | status | draft | | | | | |  |
|  | Elements | | | |  |  |
|  |  |  |  |  |  |  |
|  | Element | Type | | |  |  |
|  | Apache | Application Component (Web Server) | | |  |  |
|  | Cloudflare | Application Component (Web Server) | | |  |  |
|  | DokuWiki | Application Component (Website) | | |  |  |
|  | G.I.N.G.E.R. documentation | Application Component (Website) | | |  |  |
|  | Home Assistant | Application Collaboration | | |  |  |
|  | Hyaena Web Terminal | Application Component (Website) | | |  |  |
|  | Zoo Architecture | | 13 | / 69 | |  |

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|  |  |  |  |  |  |  |
|  | Element | Type | | |  |  |
|  | Launchpad | Application Component (Website) | | |  |  |
|  | Panthera Web Terminal | Application Component (Website) | | |  |  |
|  | Portfolio | Application Component (Website) | | |  |  |
|  | Teahouse | Application Collaboration | | |  |  |
|  | Website Hosting | Capability | | |  |  |
|  | Zoo ArchiMate documentation | Application Component (Website) | | |  |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | 14 | / 69 | |  |

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|  |  |  |  |  |  |  |
|  | [ZW] Hosting Usage | | | | |  |
|  | Application Usage viewpoint | | | | |  |
|  |  |  |  |  |  |  |
|  |  | | | | |  |
|  | Documentation | | | | |  |
|  |  |  |  |  |  |  |
|  | Outlines the usage of the various websites and related applications hosted by Zoo. | | | | |  |
|  | Properties | | | | |  |
|  |  |  |  |  |  |  |
|  | |  |  | | --- | --- | | author | Frost | | version | 1.1 | | status | draft | | | | | |  |
|  | Elements | | | |  |  |
|  |  |  |  |  |  |  |
|  | Element | Type | | |  |  |
|  | [R] Hub Industries ArchiMate documentation Website | Application Component | | |  |  |
|  | Apache | Application Component (Web Server) | | |  |  |
|  | Cloudflare | Application Component (Web Server) | | |  |  |
|  | DokuWiki | Application Component (Website) | | |  |  |
|  | Everyone | Business Actor | | |  |  |
|  | G.I.N.G.E.R. documentation | Application Component (Website) | | |  |  |
|  | Home Assistant | Application Collaboration | | |  |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | 15 | / 69 | |  |

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|  |  |  |  |  |  |  |
|  | Element | Type | | |  |  |
|  | Hyaena Web Terminal | Application Component (Website) | | |  |  |
|  | Launchpad | Application Component (Website) | | |  |  |
|  | Panthera Web Terminal | Application Component (Website) | | |  |  |
|  | Portfolio | Application Component (Website) | | |  |  |
|  | Teahouse | Application Collaboration | | |  |  |
|  | Virtual Sites | Application Component | | |  |  |
|  | Zoo ArchiMate documentation | Application Component (Website) | | |  |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | 16 | / 69 | |  |

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|  |  |  |  |  |  |  |
|  | [ZW] Testing Requirements | | | | |  |
|  | Requirements Realization viewpoint | | | | |  |
|  |  |  |  |  |  |  |
|  |  | | | | |  |
|  | Elements | | | |  |  |
|  |  |  |  |  |  |  |
|  | Element | Type | | |  |  |
|  | Apache | Application Component (Web Server) | | |  |  |
|  | Cloudflare | Application Component (Web Server) | | |  |  |
|  | DokuWiki | Application Component (Website) | | |  |  |
|  | G.I.N.G.E.R. documentation | Application Component (Website) | | |  |  |
|  | Home Assistant | Application Collaboration | | |  |  |
|  | Hyaena Web Terminal | Application Component (Website) | | |  |  |
|  | Launchpad | Application Component (Website) | | |  |  |
|  | Panthera Web Terminal | Application Component (Website) | | |  |  |
|  | Portfolio | Application Component (Website) | | |  |  |
|  | Provide zoo bookmark/launchpad | Requirement | | |  |  |
|  | Teahouse | Application Collaboration | | |  |  |
|  | Website Hosting | Capability | | |  |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | 17 | / 69 | |  |

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|  |  |  |  |  |  |  |
|  | Element | Type | | |  |  |
|  | Zoo ArchiMate documentation | Application Component (Website) | | |  |  |
|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
|  | \_\_People | | | | |  |
|  | Organization viewpoint | | | | |  |
|  |  |  |  |  |  |  |
|  |  | | | | |  |
|  | Documentation | | | | |  |
|  |  |  |  |  |  |  |
|  | Shows the main actors involved in interactions with Zoo. | | | | |  |
|  | Properties | | | | |  |
|  |  |  |  |  |  |  |
|  | |  |  | | --- | --- | | author | Frost | | version | 1.1 | | status | release | | | | | |  |
|  | Elements | | | |  |  |
|  |  |  |  |  |  |  |
|  | Element | Type | | |  |  |
|  | Acquaintances | Business Actor | | |  |  |
|  | Everyone | Business Actor | | |  |  |
|  | Friends & Family | Business Actor | | |  |  |
|  | MEEEEE :3 | Business Actor | | |  |  |
|  | Not me :c | Business Actor | | |  |  |
|  | Strangers | Business Actor | | |  |  |
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|  |  |  |  |  |  |  |
|  | \_Infrastructure (D5) | | | | |  |
|  | No viewpoint | | | | |  |
|  |  |  |  |  |  |  |
|  |  | | | | |  |
|  | Elements | | | |  |  |
|  |  |  |  |  |  |  |
|  | Element | Type | | |  |  |
|  | aquila: phone | Device | | |  |  |
|  | arctos pay-attention | Application Component | | |  |  |
|  | aslan: DMZ vlan | Grouping | | |  |  |
|  | back-up server | Node | | |  |  |
|  | Camera web server | Application Component | | |  |  |
|  | chromecast | Node | | |  |  |
|  | Desktop PC | Device | | |  |  |
|  | DVD Player | System Software | | |  |  |
|  | eeyore D5 | Grouping | | |  |  |
|  | entertainment system | Node | | |  |  |
|  | ethernet (gonatus) | Path | | |  |  |
|  | ethernet (rhincodon) | Path | | |  |  |
|  | ethernet (telenet) | Path | | |  |  |
|  | external storage | Device | | |  |  |
|  | file server | Node | | |  |  |
|  | Glances server | Application Component | | |  |  |
|  | gonatus: switch | Node | | |  |  |
|  | gulo: laptop | Device | | |  |  |
|  | Home Assistant Core | Application Component | | |  |  |
|  | Intrusion detection system (IDS) | Application Component | | |  |  |
|  | lutra: mini server | Node | | |  |  |
|  | main server | Node | | |  |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | 20 | / 69 | |  |

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| --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | |
|  |  |  |  |  |  |  |
|  | Element | Type | | |  |  |
|  | martes: chromebook | Node | | |  |  |
|  | milvago: phone | Device | | |  |  |
|  | MySQL database | Application Component | | |  |  |
|  | nest mini | Node | | |  |  |
|  | Phillips WIZ connected bulb | Node | | |  |  |
|  | Printer | Device | | |  |  |
|  | raspberry pi 4 | Node | | |  |  |
|  | reinaart D5 | Communication Network | | |  |  |
|  | ROM USB | Device | | |  |  |
|  | router (carcharadon) | Node | | |  |  |
|  | security camera | Device | | |  |  |
|  | sftp server | Application Component | | |  |  |
|  | Squid Proxy | Application Component | | |  |  |
|  | telenet: modem/router | Node | | |  |  |
|  | Tuya smart switches | Node | | |  |  |
|  | TV | Device | | |  |  |
|  | VLC | Application Component | | |  |  |
|  | WebOs | Application Component | | |  |  |
|  | Wi-Fi (eeyore) | Path | | |  |  |
|  | Wi-Fi (rhincodon) | Path | | |  |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | 21 | / 69 | |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
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|  |  |  |  |  |  |  |
|  | layered | | | | |  |
|  | No viewpoint | | | | |  |
|  |  |  |  |  |  |  |
|  |  | | | | |  |
|  | Elements | | | |  |  |
|  |  |  |  |  |  |  |
|  | Element | Type | | |  |  |
|  | Chromecast (copy) | Application Service | | |  |  |
|  | DVD Codex (copy) | Application Component | | |  |  |
|  | DVD Player (copy) | Application Service | | |  |  |
|  | From DVD (copy) | Business Process | | |  |  |
|  | From USB (copy) | Business Process | | |  |  |
|  | On the Web (copy) | Business Process | | |  |  |
|  | Play retro games (copy) | Business Process | | |  |  |
|  | Play video games (copy) | Business Role | | |  |  |
|  | VLC (copy) | Application Component | | |  |  |
|  | Watch movies (copy) | Business Role | | |  |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | 22 | / 69 | |  |

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| --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | |
|  |  |  |  |  |  |  |
|  | Strategy Layer | | | | |  |
|  |  |  |  |  |  |  |
|  | Custom application development | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Capability | | |  |
|  |  |  |  |  |  |  |
|  | Development | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Capability | | |  |
|  | |  |  | | --- | --- | | codename | Generations | | | | | |  |
|  |  |  |  |  |  |  |
|  |  | Zoo is responsible for developing custom technology to suit my needs. Part of this capability is also to provide the necessary development artefacts to support Zoo. | | | |  |
|  |  |  |  |  |  |  |
|  | Digital Entertainment | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Capability | | |  |
|  |  |  |  |  |  |  |
|  | Home Automation | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Capability | | |  |
|  | |  |  | | --- | --- | | codename | Malibu Point | | | | | |  |
|  |  |  |  |  |  |  |
|  |  | Malibu Point is a smart home infrastructure which makes use of (amongst others) Home Assistant, Google Home and various custom components. It is thus the entire architecture of the smart electronics within my house. | | | |  |
|  |  |  |  |  |  |  |
|  | Information Security Management | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Capability | | |  |
|  |  |  |  |  |  |  |
|  | Infrastructural Support | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Capability | | |  |
|  | |  |  | | --- | --- | | codename | zoo-net | | | | | |  |
|  |  |  |  |  |  |  |
|  |  | A DIY home lab and computer network, originally built by recycling old computer equipment. Zoo provides infrastructural support upon which other technology can be built. This mostly consists of networking, storage, and server space. It consists of various interconnected computer networks. | | | |  |
|  |  |  |  |  |  |  |
|  | Provide Custom IT Services | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Capability | | |  |
|  | |  |  | | --- | --- | | codename | Zoo | | | | | |  |
|  |  |  |  |  |  |  |
|  |  | Zoo stylized z00 is my personal IT service provider. It is the digital partner of Hub Industries . Amongst others it contains an entire computer network, IoT ecosystem, and a wide variety of public services. | | | |  |
|  |  |  |  |  |  |  |
|  | Website Hosting | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Capability | | |  |
|  | |  |  | | --- | --- | | codename | zoo-web | | | | | |  |
|  |  |  |  |  |  |  |
|  |  | Provides the ability to publish websites. | | | |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | | 23 | / 69 |  |

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| --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | |
|  |  |  |  |  |  |  |
|  | Business Layer | | | | |  |
|  |  |  |  |  |  |  |
|  | Access online knowledge base | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Process | | |  |
|  |  |  |  |  |  |  |
|  | Acquaintances | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Actor | | |  |
|  |  |  |  |  |  |  |
|  |  | People I know but don't fully trust. | | | |  |
|  |  |  |  |  |  |  |
|  | DVD playing | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Service | | |  |
|  |  |  |  |  |  |  |
|  | Everyone | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Actor | | |  |
|  |  |  |  |  |  |  |
|  | Friends & Family | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Actor | | |  |
|  |  |  |  |  |  |  |
|  |  | People I know and trust. | | | |  |
|  |  |  |  |  |  |  |
|  | From DVD (copy) | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Process | | |  |
|  |  |  |  |  |  |  |
|  | From USB (copy) | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Process | | |  |
|  |  |  |  |  |  |  |
|  | GitHub Boards | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Representation | | |  |
|  |  |  |  |  |  |  |
|  | Home Automation | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Service | | |  |
|  |  |  |  |  |  |  |
|  | Infrastructural support: Zoo-net | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Service | | |  |
|  |  |  |  |  |  |  |
|  | IoT Dashboard | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Service | | |  |
|  |  |  |  |  |  |  |
|  | Knowledge base: MUSEUM | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Service | | |  |
|  |  |  |  |  |  |  |
|  | MEEEEE :3 | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Actor | | |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | | 24 | / 69 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | |
|  |  |  |  |  |  |  |
|  | |  |  | | --- | --- | | codename | Frost | | | | | |  |
|  |  |  |  |  |  |  |
|  |  | This represents me (Frost). | | | |  |
|  |  |  |  |  |  |  |
|  | Multimedia | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Service | | |  |
|  |  |  |  |  |  |  |
|  | Not me :c | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Actor | | |  |
|  |  |  |  |  |  |  |
|  |  | This represent everyone that isn't me. | | | |  |
|  |  |  |  |  |  |  |
|  | Old games | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Service | | |  |
|  |  |  |  |  |  |  |
|  | On the Web (copy) | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Process | | |  |
|  |  |  |  |  |  |  |
|  | Play retro games (copy) | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Process | | |  |
|  |  |  |  |  |  |  |
|  | Play video games (copy) | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Role | | |  |
|  |  |  |  |  |  |  |
|  | Portfolio Journey | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Process | | |  |
|  |  |  |  |  |  |  |
|  | Static Webpage deployment: Zoo-web | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Service | | |  |
|  |  |  |  |  |  |  |
|  | Strangers | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Actor | | |  |
|  |  |  |  |  |  |  |
|  |  | People I don't know and don't trust. | | | |  |
|  |  |  |  |  |  |  |
|  | Virtual Assistant | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Service | | |  |
|  |  |  |  |  |  |  |
|  | Watch movies (copy) | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Business Role | | |  |
|  |  |  |  |  |  |  |
|  | Zoo-ArchiMate | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Representation | | |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | | 25 | / 69 |  |

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| --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | |
|  |  |  |  |  |  |  |
|  | Application Layer | | | | |  |
|  |  |  |  |  |  |  |
|  | [R] Hub Industries ArchiMate documentation Website | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | [TOBE] Nextcloud | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | [TOBE] Plex | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Apache | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component (Web Server) | | |  |
|  |  |  |  |  |  |  |
|  |  | Currently on-going debate on whether to bring Apache into Mk 5 or not (replace with Nginx). | | | |  |
|  |  |  |  |  |  |  |
|  | Application Service | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Service | | |  |
|  |  |  |  |  |  |  |
|  | arctos pay-attention | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Arriving home | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Process | | |  |
|  |  |  |  |  |  |  |
|  | Arriving home at night | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Process | | |  |
|  |  |  |  |  |  |  |
|  | Arriving home when it's hot | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Process | | |  |
|  |  |  |  |  |  |  |
|  | Automations | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Camera web server | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Chromecast (copy) | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Service | | |  |
|  |  |  |  |  |  |  |
|  | Cloudflare | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component (Web Server) | | |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | | 26 | / 69 |  |

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| --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | |
|  |  |  |  |  |  |  |
|  | Cloudflared | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Database | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Documentation website | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Service | | |  |
|  |  |  |  |  |  |  |
|  | DokuWiki | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component (Website) | | |  |
|  | |  |  | | --- | --- | | codename | Museum | | domain | wiki.hub.industries | | | | | |  |
|  |  |  |  |  |  |  |
|  |  | The Zoo Museum is a wiki dedicated to Hub Industries and its various endeavours. | | | |  |
|  |  |  |  |  |  |  |
|  | DVD Codex (copy) | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | DVD Player (copy) | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Service | | |  |
|  |  |  |  |  |  |  |
|  | file store | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | G.I.N.G.E.R. | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | G.I.N.G.E.R. documentation | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component (Website) | | |  |
|  | |  |  | | --- | --- | | domain | hub.industries/docs/ginger | | | | | |  |
|  |  |  |  |  |  |  |
|  | generic mp4 | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Interaction | | |  |
|  |  |  |  |  |  |  |
|  | Glances Client | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Glances integration | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Interaction | | |  |
|  |  |  |  |  |  |  |
|  | Glances server | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | | 27 | / 69 |  |

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| --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | |
|  |  |  |  |  |  |  |
|  | Google Assistant | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Google Cast | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Interaction | | |  |
|  |  |  |  |  |  |  |
|  | Home Assistant | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Home Assistant | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Collaboration | | |  |
|  | |  |  | | --- | --- | | domain | malibu-point.hub.industries | | | | | |  |
|  |  |  |  |  |  |  |
|  | Home Assistant Core | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Hyaena Web Terminal | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component (Website) | | |  |
|  | |  |  | | --- | --- | | domain | hyaena.terminal.hub.industries | | | | | |  |
|  |  |  |  |  |  |  |
|  | Integrations | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Intrusion Detection | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Service | | |  |
|  |  |  |  |  |  |  |
|  | Intrusion detection system (IDS) | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | IoT Hub | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Service | | |  |
|  |  |  |  |  |  |  |
|  | Landing Page | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Landing website | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Service | | |  |
|  |  |  |  |  |  |  |
|  | Launchpad | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component (Website) | | |  |
|  | |  |  | | --- | --- | | source | https://github.com/FrostTusk/Landing-Page | | domain | hub.industries | | | | | |  |
|  |  |  |  |  |  |  |
|  |  | Static one-page website that acts as the front-door to Hub Industries. | | | |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | | 28 | / 69 |  |

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| --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | |
|  |  |  |  |  |  |  |
|  | Launchpad (copy) | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component (Website) | | |  |
|  | |  |  | | --- | --- | | source | https://github.com/FrostTusk/Landing-Page | | domain | hub.industries | | | | | |  |
|  |  |  |  |  |  |  |
|  |  | Static one-page website that acts as the front-door to Hub Industries. | | | |  |
|  |  |  |  |  |  |  |
|  | Leaving home | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Process | | |  |
|  |  |  |  |  |  |  |
|  | lil almanac | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Lovelace | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | M.I.S.T.R.A. | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Malibu Point Home Assistant | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | met.no | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Interaction | | |  |
|  |  |  |  |  |  |  |
|  | Mobile App | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Service | | |  |
|  |  |  |  |  |  |  |
|  | MySQL database | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Panthera Web Terminal | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component (Website) | | |  |
|  | |  |  | | --- | --- | | domain | panthera.terminal.hub.industries | | | | | |  |
|  |  |  |  |  |  |  |
|  | Personal Website | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | pi-hole | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Portfolio | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component (Website) | | |  |
|  | |  |  | | --- | --- | | domain | hub.industries/me | | | | | |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | | 29 | / 69 |  |

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| --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | |
|  |  |  |  |  |  |  |
|  |  | Portfolio is my virtual business card. Showcasing all my various cool projects in a public-friendly manner. | | | |  |
|  |  |  |  |  |  |  |
|  | Portfolio website | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Service | | |  |
|  |  |  |  |  |  |  |
|  | Proxy | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Service | | |  |
|  |  |  |  |  |  |  |
|  | Remote access | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Service | | |  |
|  |  |  |  |  |  |  |
|  | retropie | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | sftp server | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | speedtest | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Interaction | | |  |
|  |  |  |  |  |  |  |
|  | Squid Proxy | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | SSH | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | system monitor | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Interaction | | |  |
|  |  |  |  |  |  |  |
|  | Teahouse | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Collaboration | | |  |
|  | |  |  | | --- | --- | | domain | hub.industries/teahouse | | | | | |  |
|  |  |  |  |  |  |  |
|  | Time | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Interaction | | |  |
|  |  |  |  |  |  |  |
|  | Tunnels | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Tuya developer IOT | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | | 30 | / 69 |  |

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| --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | |
|  |  |  |  |  |  |  |
|  | Tuya integration | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Interaction | | |  |
|  |  |  |  |  |  |  |
|  | UFW | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  |  | This program is for managing a Linux firewall and aims to provide an easy to use interface for the user. | | | |  |
|  |  |  |  |  |  |  |
|  | Virtual Sites | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | VLC | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | VLC (copy) | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Voice Assistant | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Service | | |  |
|  |  |  |  |  |  |  |
|  | VPN | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | VPN server | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | WebOs | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component | | |  |
|  |  |  |  |  |  |  |
|  | Website | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Service | | |  |
|  |  |  |  |  |  |  |
|  | Went live on twitch | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Process | | |  |
|  |  |  |  |  |  |  |
|  | Wiki | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Service | | |  |
|  |  |  |  |  |  |  |
|  | Zoo ArchiMate documentation | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Application Component (Website) | | |  |
|  | |  |  | | --- | --- | | domain | hub.industries/docs/architecture/zoo | | | | | |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | | 31 | / 69 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | | |
|  |  |  |  |  |  |
|  | Zoo Museum | | | |  |
|  |  |  |  |  |  |
|  | Type | Application Component | | |  |
|  |  |  |  |  |  |
|  | Zoo Web | | | |  |
|  |  |  |  |  |  |
|  | Type | Application Component | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 32 | / 69 |  |

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| --- | --- | --- | --- | --- | --- |
|  | | | | | |
|  |  |  |  |  |  |
|  | Technology & Physical Layer | | | |  |
|  |  |  |  |  |  |
|  | Ad-hoc server | | | |  |
|  |  |  |  |  |  |
|  | Type | Node | | |  |
|  |  |  |  |  |  |
|  | ailurus | | | |  |
|  |  |  |  |  |  |
|  | Type | Device | | |  |
|  | |  |  | | --- | --- | | model | Raspberry pi 3b | | | | |  |
|  |  |  |  |  |  |
|  | aquila: phone | | | |  |
|  |  |  |  |  |  |
|  | Type | Device | | |  |
|  |  |  |  |  |  |
|  | aslan | | | |  |
|  |  |  |  |  |  |
|  | Type | Communication Network | | |  |
|  |  |  |  |  |  |
|  | back-up server | | | |  |
|  |  |  |  |  |  |
|  | Type | Node | | |  |
|  | |  |  | | --- | --- | | hostname | lutra | | operating system | debian | | | | |  |
|  |  |  |  |  |  |
|  | backbone | | | |  |
|  |  |  |  |  |  |
|  | Type | Communication Network | | |  |
|  |  |  |  |  |  |
|  | chromecast | | | |  |
|  |  |  |  |  |  |
|  | Type | Node | | |  |
|  | |  |  | | --- | --- | | hostname | hyla | | | | |  |
|  |  |  |  |  |  |
|  | compiled web page | | | |  |
|  |  |  |  |  |  |
|  | Type | Artifact | | |  |
|  |  |  |  |  |  |
|  | Debian | | | |  |
|  |  |  |  |  |  |
|  | Type | System Software (Operating System) | | |  |
|  |  |  |  |  |  |
|  | Desktop PC | | | |  |
|  |  |  |  |  |  |
|  | Type | Device | | |  |
|  | |  |  | | --- | --- | | hostname | canis | | | | |  |
|  |  |  |  |  |  |
|  | docker container | | | |  |
|  |  |  |  |  |  |
|  | Type | System Software | | |  |
|  |  |  |  |  |  |
|  | DVD Player | | | |  |
|  |  |  |  |  |  |
|  | Type | System Software | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 33 | / 69 |  |

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| --- | --- | --- | --- | --- | --- |
|  | | | | | |
|  |  |  |  |  |  |
|  | DVD Player | | | |  |
|  |  |  |  |  |  |
|  | Type | Device | | |  |
|  |  |  |  |  |  |
|  | eeyore | | | |  |
|  |  |  |  |  |  |
|  | Type | Communication Network | | |  |
|  |  |  |  |  |  |
|  | entertainment system | | | |  |
|  |  |  |  |  |  |
|  | Type | Node | | |  |
|  | |  |  | | --- | --- | | hostname | ailurus | | | | |  |
|  |  |  |  |  |  |
|  | ethernet (gonatus) | | | |  |
|  |  |  |  |  |  |
|  | Type | Path | | |  |
|  |  |  |  |  |  |
|  | ethernet (rhincodon) | | | |  |
|  |  |  |  |  |  |
|  | Type | Path | | |  |
|  |  |  |  |  |  |
|  | ethernet (telenet) | | | |  |
|  |  |  |  |  |  |
|  | Type | Path | | |  |
|  |  |  |  |  |  |
|  | external storage | | | |  |
|  |  |  |  |  |  |
|  | Type | Device | | |  |
|  | |  |  | | --- | --- | | hostname | varanus | | | | |  |
|  |  |  |  |  |  |
|  | file server | | | |  |
|  |  |  |  |  |  |
|  | Type | Node | | |  |
|  | |  |  | | --- | --- | | hostname | ursus | | | | |  |
|  |  |  |  |  |  |
|  | Firewall configuration | | | |  |
|  |  |  |  |  |  |
|  | Type | Artifact | | |  |
|  |  |  |  |  |  |
|  | gonatus: switch | | | |  |
|  |  |  |  |  |  |
|  | Type | Node | | |  |
|  |  |  |  |  |  |
|  | gulo: laptop | | | |  |
|  |  |  |  |  |  |
|  | Type | Device | | |  |
|  |  |  |  |  |  |
|  | hyeana | | | |  |
|  |  |  |  |  |  |
|  | Type | Device | | |  |
|  |  |  |  |  |  |
|  | lutra: mini server | | | |  |
|  |  |  |  |  |  |
|  | Type | Node | | |  |
|  |  |  |  |  |  |
|  | main server | | | |  |
|  |  |  |  |  |  |
|  | Type | Node | | |  |
|  | Zoo Architecture | | 34 | / 69 |  |

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| --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | |
|  |  |  |  |  |  |  |
|  | |  |  | | --- | --- | | hostname | panthera | | operating system | debian | | | | | |  |
|  |  |  |  |  |  |  |
|  | martes: chromebook | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Node | | |  |
|  |  |  |  |  |  |  |
|  | milvago: phone | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Device | | |  |
|  |  |  |  |  |  |  |
|  | nest mini | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Node | | |  |
|  | |  |  | | --- | --- | | hostname | acris | | | | | |  |
|  |  |  |  |  |  |  |
|  | Phillips WIZ connected bulb | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Node | | |  |
|  |  |  |  |  |  |  |
|  | Printer | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Device | | |  |
|  | |  |  | | --- | --- | | hostname | litoria | | | | | |  |
|  |  |  |  |  |  |  |
|  | raspberry pi 4 | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Node | | |  |
|  | |  |  | | --- | --- | | hostname | procyon | | | | | |  |
|  |  |  |  |  |  |  |
|  | raspbian | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | System Software (Operating System) | | |  |
|  |  |  |  |  |  |  |
|  | reinaart | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Communication Network | | |  |
|  |  |  |  |  |  |  |
|  | reinaart D5 | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Communication Network | | |  |
|  |  |  |  |  |  |  |
|  | ROM USB | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Device | | |  |
|  |  |  |  |  |  |  |
|  | router (carcharadon) | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Node | | |  |
|  | |  |  | | --- | --- | | hostname | rhincodon | | | | | |  |
|  |  |  |  |  |  |  |
|  |  | port forward glances servers | | | |  |
|  |  |  |  |  |  |  |
|  | security camera | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Device | | |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | | 35 | / 69 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | | |
|  |  |  |  |  |  |
|  | |  |  | | --- | --- | | hostname | amnirana | | manufacturer | DLink | | | | |  |
|  |  |  |  |  |  |
|  | telenet: modem/router | | | |  |
|  |  |  |  |  |  |
|  | Type | Node | | |  |
|  |  |  |  |  |  |
|  | Tuya smart switches | | | |  |
|  |  |  |  |  |  |
|  | Type | Node | | |  |
|  |  |  |  |  |  |
|  | TV | | | |  |
|  |  |  |  |  |  |
|  | Type | Device | | |  |
|  |  |  |  |  |  |
|  | Wi-Fi (eeyore) | | | |  |
|  |  |  |  |  |  |
|  | Type | Path | | |  |
|  |  |  |  |  |  |
|  | Wi-Fi (rhincodon) | | | |  |
|  |  |  |  |  |  |
|  | Type | Path | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 36 | / 69 |  |

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| --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | |
|  |  |  |  |  |  |  |
|  | Motivation | | | | |  |
|  |  |  |  |  |  |  |
|  | Able to easily stream movie content | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  |  | Able to play DVDs | | | |  |
|  |  |  |  |  |  |  |
|  | Able to play video games | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  |  | Able to play to retro video games | | | |  |
|  |  |  |  |  |  |  |
|  | Able to publish documentation for projects. | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Able to remotely access the network | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Automated my home | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Automatically back-up data and critical configuration | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Connect tea-house to zoo-web | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Cross-platform smart home control | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Easily accessible knowledge | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Have a cutting edge virtual assistant | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Have a maintable enterprise architecture | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Have a networking home-lab | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Have a personal portfolio website. | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | | 37 | / 69 |  |

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| --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | |
|  |  |  |  |  |  |  |
|  | Have a project roadmap | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Have a web front-end for Malibu Point | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Have a zoo bookmark/launchpad | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Have an extensible host and domain naming scheme | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Have own email. | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Have smart devices connected to a central IoT hub | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Intrusion Detection | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Network health monitoring | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Performant internet access | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Protected web log-in access to network. | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Provide zoo bookmark/launchpad | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Requirement | | |  |
|  |  |  |  |  |  |  |
|  | Secure network infrastructure | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  |  | 1. Patch management Strategy | | | |  |
|  |  |  |  |  |  |  |
|  | Self-hosted network file storage | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Simple security management system | | | | |  |
|  |  |  |  |  |  |  |
|  | Type | | Outcome | | |  |
|  |  |  |  |  |  |  |
|  | Zoo Architecture | | | 38 | / 69 |  |

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|  |  |  |  |  |
|  | Zoo Architecture | 39 | / 69 |  |

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|  | | | | | |
|  |  |  |  |  |  |
|  | Other | | | |  |
|  |  |  |  |  |  |
|  | aslan: DMZ vlan | | | |  |
|  |  |  |  |  |  |
|  | Type | Grouping | | |  |
|  |  |  |  |  |  |
|  | eeyore D5 | | | |  |
|  |  |  |  |  |  |
|  | Type | Grouping | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 40 | / 69 |  |

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|  | | | | | |
|  |  |  |  |  |  |
|  | Relations | | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | back-up server | | |  |
|  | Target | Zoo Museum | | |  |
|  |  |  |  |  |  |
|  | Triggering relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | M.I.S.T.R.A. | | |  |
|  | Target | Zoo Museum | | |  |
|  |  |  |  |  |  |
|  | Triggering relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | Malibu Point Home Assistant | | |  |
|  | Target | Zoo Museum | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | back-up server | | |  |
|  | Target | Glances Client | | |  |
|  |  |  |  |  |  |
|  | Triggering relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | Malibu Point Home Assistant | | |  |
|  | Target | Glances Client | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | raspberry pi 4 | | |  |
|  | Target | Malibu Point Home Assistant | | |  |
|  |  |  |  |  |  |
|  | Triggering relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | M.I.S.T.R.A. | | |  |
|  | Target | Malibu Point Home Assistant | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | aslan: DMZ vlan | | |  |
|  | Target | back-up server | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 41 | / 69 |  |

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| --- | --- | --- | --- | --- | --- |
|  | | | | | |
|  |  |  |  |  |  |
|  | Source | aslan: DMZ vlan | | |  |
|  | Target | file server | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | raspberry pi 4 | | |  |
|  | Target | Database | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | Malibu Point Home Assistant | | |  |
|  | Target | Database | | |  |
|  |  |  |  |  |  |
|  | Triggering relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | MEEEEE :3 | | |  |
|  | Target | Malibu Point Home Assistant | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | back-up server | | |  |
|  | Target | Zoo Web | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | file server | | |  |
|  | Target | file store | | |  |
|  |  |  |  |  |  |
|  | Triggering relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | Everyone | | |  |
|  | Target | Zoo Web | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | file server | | |  |
|  | Target | Glances Client | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | Zoo Web | | |  |
|  | Target | Landing Page | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 42 | / 69 |  |

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|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | Zoo Web | | |  |
|  | Target | Personal Website | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | raspberry pi 4 | | |  |
|  | Target | Glances Client | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | back-up server | | |  |
|  | Target | UFW | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | file server | | |  |
|  | Target | UFW | | |  |
|  |  |  |  |  |  |
|  | Access relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Access relation | | |  |
|  | Source | back-up server | | |  |
|  | Target | Firewall configuration | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | UFW | | |  |
|  | Target | Firewall configuration | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | aslan: DMZ vlan | | |  |
|  | Target | main server | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | aslan: DMZ vlan | | |  |
|  | Target | entertainment system | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | eeyore D5 | | |  |
|  | Target | telenet: modem/router | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 43 | / 69 |  |

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|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | entertainment system | | |  |
|  | Target | VLC | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | entertainment system | | |  |
|  | Target | DVD Player | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | aslan: DMZ vlan | | |  |
|  | Target | ROM USB | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | ROM USB | | |  |
|  | Target | entertainment system | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | aslan: DMZ vlan | | |  |
|  | Target | gonatus: switch | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | aslan: DMZ vlan | | |  |
|  | Target | external storage | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | external storage | | |  |
|  | Target | file server | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | aslan: DMZ vlan | | |  |
|  | Target | ethernet (gonatus) | | |  |
|  |  |  |  |  |  |
|  | Triggering relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | nest mini | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 44 | / 69 |  |

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|  | | | | | |
|  |  |  |  |  |  |
|  | Target | Wi-Fi (rhincodon) | | |  |
|  |  |  |  |  |  |
|  | Triggering relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | chromecast | | |  |
|  | Target | Wi-Fi (rhincodon) | | |  |
|  |  |  |  |  |  |
|  | Triggering relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | gulo: laptop | | |  |
|  | Target | Wi-Fi (rhincodon) | | |  |
|  |  |  |  |  |  |
|  | Triggering relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | aquila: phone | | |  |
|  | Target | Wi-Fi (rhincodon) | | |  |
|  |  |  |  |  |  |
|  | Triggering relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | milvago: phone | | |  |
|  | Target | Wi-Fi (rhincodon) | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | TV | | |  |
|  | Target | WebOs | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | raspberry pi 4 | | |  |
|  | Target | Home Assistant Core | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | raspberry pi 4 | | |  |
|  | Target | MySQL database | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | reinaart D5 | | |  |
|  | Target | Wi-Fi (rhincodon) | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 45 | / 69 |  |

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|  | | | | | |
|  |  |  |  |  |  |
|  | Source | reinaart D5 | | |  |
|  | Target | ethernet (rhincodon) | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | raspberry pi 4 | | |  |
|  | Target | Glances server | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | back-up server | | |  |
|  | Target | Glances server | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | file server | | |  |
|  | Target | Glances server | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | main server | | |  |
|  | Target | Glances server | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | eeyore D5 | | |  |
|  | Target | Wi-Fi (eeyore) | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | eeyore D5 | | |  |
|  | Target | Phillips WIZ connected bulb | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | eeyore D5 | | |  |
|  | Target | Printer | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | eeyore D5 | | |  |
|  | Target | Tuya smart switches | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 46 | / 69 |  |

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|  |  |  |  |  |  |
|  | Triggering relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | Phillips WIZ connected bulb | | |  |
|  | Target | Wi-Fi (eeyore) | | |  |
|  |  |  |  |  |  |
|  | Triggering relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | Tuya smart switches | | |  |
|  | Target | Wi-Fi (eeyore) | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | Glances server | | |  |
|  | Target | Glances integration | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | WebOs | | |  |
|  | Target | Integrations | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | Tuya developer IOT | | |  |
|  | Target | Tuya integration | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | security camera | | |  |
|  | Target | Camera web server | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | Camera web server | | |  |
|  | Target | generic mp4 | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | Home Assistant Core | | |  |
|  | Target | Integrations | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Integrations | | |  |
|  | Target | Time | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 47 | / 69 |  |

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|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Integrations | | |  |
|  | Target | Google Cast | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Integrations | | |  |
|  | Target | met.no | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Integrations | | |  |
|  | Target | system monitor | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Integrations | | |  |
|  | Target | speedtest | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Integrations | | |  |
|  | Target | generic mp4 | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Integrations | | |  |
|  | Target | Tuya integration | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Integrations | | |  |
|  | Target | Glances integration | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Automations | | |  |
|  | Target | Arriving home | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Automations | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 48 | / 69 |  |

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|  |  |  |  |  |  |
|  | Target | Arriving home at night | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Automations | | |  |
|  | Target | Arriving home when it's hot | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Automations | | |  |
|  | Target | Leaving home | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Automations | | |  |
|  | Target | Went live on twitch | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | Home Assistant Core | | |  |
|  | Target | Automations | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | Static Webpage deployment: Zoo-web | | |  |
|  | Target | Portfolio Journey | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | Wiki | | |  |
|  | Target | Knowledge base: MUSEUM | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Everyone | | |  |
|  | Target | Portfolio Journey | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | MEEEEE :3 | | |  |
|  | Target | Knowledge base: MUSEUM | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  |  |  |  |  |  |
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|  |  |  |  |  |  |
|  | Source | Mobile App | | |  |
|  | Target | IoT Dashboard | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | Voice Assistant | | |  |
|  | Target | Virtual Assistant | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Home Assistant | | |  |
|  | Target | Mobile App | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Home Assistant | | |  |
|  | Target | IoT Hub | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | IoT Hub | | |  |
|  | Target | IoT Dashboard | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | Landing website | | |  |
|  | Target | Static Webpage deployment: Zoo-web | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | Portfolio website | | |  |
|  | Target | Static Webpage deployment: Zoo-web | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | TV | | |  |
|  | Target | reinaart | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | security camera | | |  |
|  | Target | reinaart | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 50 | / 69 |  |

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|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | raspberry pi 4 | | |  |
|  | Target | reinaart | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | Desktop PC | | |  |
|  | Target | reinaart | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | reinaart | | |  |
|  | Target | router (carcharadon) | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | aquila: phone | | |  |
|  | Target | reinaart | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | milvago: phone | | |  |
|  | Target | reinaart | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | gulo: laptop | | |  |
|  | Target | reinaart | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | chromecast | | |  |
|  | Target | reinaart | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | nest mini | | |  |
|  | Target | reinaart | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | router (carcharadon) | | |  |
|  | Target | backbone | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 51 | / 69 |  |

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|  | | | | | |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | backbone | | |  |
|  | Target | gonatus: switch | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | aslan | | |  |
|  | Target | entertainment system | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | aslan | | |  |
|  | Target | gonatus: switch | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | aslan | | |  |
|  | Target | back-up server | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | file server | | |  |
|  | Target | aslan | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | main server | | |  |
|  | Target | aslan | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | backbone | | |  |
|  | Target | telenet: modem/router | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | raspberry pi 4 | | |  |
|  | Target | arctos pay-attention | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | back-up server | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 52 | / 69 |  |

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|  | | | | | |
|  |  |  |  |  |  |
|  | Target | sftp server | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | file server | | |  |
|  | Target | Intrusion detection system (IDS) | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | file server | | |  |
|  | Target | Squid Proxy | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | backbone | | |  |
|  | Target | Ad-hoc server | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | Ad-hoc server | | |  |
|  | Target | hyeana | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | main server | | |  |
|  | Target | [TOBE] Nextcloud | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | main server | | |  |
|  | Target | [TOBE] Plex | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | main server | | |  |
|  | Target | Debian | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | entertainment system | | |  |
|  | Target | retropie | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 53 | / 69 |  |

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| --- | --- | --- | --- | --- | --- |
|  | | | | | |
|  |  |  |  |  |  |
|  | Source | DVD Player | | |  |
|  | Target | entertainment system | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | entertainment system | | |  |
|  | Target | Glances server | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | entertainment system | | |  |
|  | Target | ailurus | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | entertainment system | | |  |
|  | Target | raspbian | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Desktop PC | | |  |
|  | Target | Glances server | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | DokuWiki | | |  |
|  | Target | Wiki | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Launchpad | | |  |
|  | Target | Landing website | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | file server | | |  |
|  | Target | VPN server | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | VPN | | |  |
|  | Target | Remote access | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 54 | / 69 |  |

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|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | SSH | | |  |
|  | Target | Remote access | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Squid Proxy | | |  |
|  | Target | Remote access | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | MEEEEE :3 | | |  |
|  | Target | Infrastructural support: Zoo-net | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | VLC | | |  |
|  | Target | Multimedia | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | Documentation website | | |  |
|  | Target | Static Webpage deployment: Zoo-web | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Not me :c | | |  |
|  | Target | Infrastructural support: Zoo-net | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | retropie | | |  |
|  | Target | Multimedia | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | [TOBE] Plex | | |  |
|  | Target | Multimedia | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | MEEEEE :3 | | |  |
|  | Target | Multimedia | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 55 | / 69 |  |

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|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Home Assistant | | |  |
|  | Target | Website | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | IoT Hub | | |  |
|  | Target | Virtual Assistant | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | IoT Hub | | |  |
|  | Target | Home Automation | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Watch movies (copy) | | |  |
|  | Target | From DVD (copy) | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | VLC (copy) | | |  |
|  | Target | DVD Player (copy) | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Watch movies (copy) | | |  |
|  | Target | From USB (copy) | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Watch movies (copy) | | |  |
|  | Target | On the Web (copy) | | |  |
|  |  |  |  |  |  |
|  | Assignment relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Assignment relation | | |  |
|  | Source | Play video games (copy) | | |  |
|  | Target | Play retro games (copy) | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | DVD Codex (copy) | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 56 | / 69 |  |

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|  | | | | | |
|  |  |  |  |  |  |
|  | Target | DVD Player (copy) | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | DVD Player (copy) | | |  |
|  | Target | Watch movies (copy) | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | Chromecast (copy) | | |  |
|  | Target | Watch movies (copy) | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | Provide Custom IT Services | | |  |
|  | Target | Website Hosting | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | Provide Custom IT Services | | |  |
|  | Target | Home Automation | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | Provide Custom IT Services | | |  |
|  | Target | Digital Entertainment | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | Provide Custom IT Services | | |  |
|  | Target | Infrastructural Support | | |  |
|  |  |  |  |  |  |
|  | Association relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | router (carcharadon) | | |  |
|  | Target | eeyore | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | Provide Custom IT Services | | |  |
|  | Target | Development | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 57 | / 69 |  |

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|  |  |  |  |  |  |
|  | Source | Zoo-ArchiMate | | |  |
|  | Target | Development | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | GitHub Boards | | |  |
|  | Target | Development | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | G.I.N.G.E.R. | | |  |
|  | Target | Development | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | G.I.N.G.E.R. | | |  |
|  | Target | Tunnels | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | docker container | | |  |
|  | Target | DokuWiki | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Apache | | |  |
|  | Target | Website Hosting | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | Apache | | |  |
|  | Target | Virtual Sites | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | Virtual Sites | | |  |
|  | Target | DokuWiki | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | Virtual Sites | | |  |
|  | Target | Home Assistant | | |  |
|  |  |  |  |  |  |
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|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | Virtual Sites | | |  |
|  | Target | Portfolio | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | Virtual Sites | | |  |
|  | Target | Launchpad | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Launchpad | | |  |
|  | Target | Website Hosting | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Home Assistant | | |  |
|  | Target | Website Hosting | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | Virtual Sites | | |  |
|  | Target | Teahouse | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | main server | | |  |
|  | Target | docker container | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | docker container | | |  |
|  | Target | Apache | | |  |
|  |  |  |  |  |  |
|  | Access relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Access relation | | |  |
|  | Source | main server | | |  |
|  | Target | compiled web page | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | compiled web page | | |  |
|  | Target | Launchpad | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 59 | / 69 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | | |
|  |  |  |  |  |  |
|  | Triggering relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | Cloudflare | | |  |
|  | Target | Hyaena Web Terminal | | |  |
|  |  |  |  |  |  |
|  | Triggering relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | Cloudflare | | |  |
|  | Target | Panthera Web Terminal | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Hyaena Web Terminal | | |  |
|  | Target | Website Hosting | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Panthera Web Terminal | | |  |
|  | Target | Website Hosting | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Teahouse | | |  |
|  | Target | Website Hosting | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Zoo ArchiMate documentation | | |  |
|  | Target | Website Hosting | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | G.I.N.G.E.R. documentation | | |  |
|  | Target | Website Hosting | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | Virtual Sites | | |  |
|  | Target | G.I.N.G.E.R. documentation | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | Virtual Sites | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 60 | / 69 |  |

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| --- | --- | --- | --- | --- | --- |
|  | | | | | |
|  |  |  |  |  |  |
|  | Target | Zoo ArchiMate documentation | | |  |
|  |  |  |  |  |  |
|  | Aggregation relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Aggregation relation | | |  |
|  | Source | Home Assistant | | |  |
|  | Target | Lovelace | | |  |
|  |  |  |  |  |  |
|  | Aggregation relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Aggregation relation | | |  |
|  | Source | Home Assistant | | |  |
|  | Target | Home Assistant Core | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | IoT Dashboard | | |  |
|  | Target | MEEEEE :3 | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | Home Automation | | |  |
|  | Target | MEEEEE :3 | | |  |
|  |  |  |  |  |  |
|  | Serving relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Serving relation | | |  |
|  | Source | Virtual Assistant | | |  |
|  | Target | MEEEEE :3 | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Home Automation | | |  |
|  | Target | Automated my home | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | IoT Hub | | |  |
|  | Target | Automated my home | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | IoT Hub | | |  |
|  | Target | Home Automation | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 61 | / 69 |  |

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| --- | --- | --- | --- | --- | --- |
|  | | | | | |
|  |  |  |  |  |  |
|  | Source | Website | | |  |
|  | Target | Home Automation | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Voice Assistant | | |  |
|  | Target | Home Automation | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Mobile App | | |  |
|  | Target | Home Automation | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Virtual Assistant | | |  |
|  | Target | Home Automation | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | IoT Dashboard | | |  |
|  | Target | Home Automation | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Home Automation | | |  |
|  | Target | Home Automation | | |  |
|  |  |  |  |  |  |
|  | Flow relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Flow relation | | |  |
|  | Source | Everyone | | |  |
|  | Target | Cloudflare | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | DokuWiki | | |  |
|  | Target | Website Hosting | | |  |
|  |  |  |  |  |  |
|  | Aggregation relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Aggregation relation | | |  |
|  | Source | Not me :c | | |  |
|  | Target | Friends & Family | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 62 | / 69 |  |

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| --- | --- | --- | --- | --- | --- |
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|  |  |  |  |  |  |
|  | Aggregation relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Aggregation relation | | |  |
|  | Source | Not me :c | | |  |
|  | Target | Strangers | | |  |
|  |  |  |  |  |  |
|  | Aggregation relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Aggregation relation | | |  |
|  | Source | Not me :c | | |  |
|  | Target | Acquaintances | | |  |
|  |  |  |  |  |  |
|  | Aggregation relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Aggregation relation | | |  |
|  | Source | Everyone | | |  |
|  | Target | Not me :c | | |  |
|  |  |  |  |  |  |
|  | Aggregation relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Aggregation relation | | |  |
|  | Source | Everyone | | |  |
|  | Target | MEEEEE :3 | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Cloudflare | | |  |
|  | Target | Website Hosting | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Google Assistant | | |  |
|  | Target | Voice Assistant | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Website Hosting | | |  |
|  | Target | Have a personal portfolio website. | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Home Automation | | |  |
|  | Target | Have a cutting edge virtual assistant | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Development | | |  |
|  | Target | Have a project roadmap | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 63 | / 69 |  |

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| --- | --- | --- | --- | --- | --- |
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|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Digital Entertainment | | |  |
|  | Target | Able to play video games | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Infrastructural Support | | |  |
|  | Target | Have a networking home-lab | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Development | | |  |
|  | Target | Have a maintable enterprise architecture | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | lil almanac | | |  |
|  | Target | Home Automation | | |  |
|  |  |  |  |  |  |
|  | Composition relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Composition relation | | |  |
|  | Source | Development | | |  |
|  | Target | Custom application development | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Infrastructural Support | | |  |
|  | Target | Performant internet access | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Information Security Management | | |  |
|  | Target | Secure network infrastructure | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | compiled web page | | |  |
|  | Target | Portfolio | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | compiled web page | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 64 | / 69 |  |

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| --- | --- | --- | --- | --- | --- |
|  | | | | | |
|  |  |  |  |  |  |
|  | Target | Zoo ArchiMate documentation | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | compiled web page | | |  |
|  | Target | G.I.N.G.E.R. documentation | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | docker container | | |  |
|  | Target | Cloudflared | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | docker container | | |  |
|  | Target | pi-hole | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Portfolio | | |  |
|  | Target | Website Hosting | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Infrastructural Support | | |  |
|  | Target | Have an extensible host and domain naming scheme | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Digital Entertainment | | |  |
|  | Target | Have own email. | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Home Automation | | |  |
|  | Target | Cross-platform smart home control | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Website Hosting | | |  |
|  | Target | Able to publish documentation for projects. | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 65 | / 69 |  |

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|  | | | | | |
|  |  |  |  |  |  |
|  | Source | Website Hosting | | |  |
|  | Target | Have a web front-end for Malibu Point | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Website Hosting | | |  |
|  | Target | Connect tea-house to zoo-web | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Website Hosting | | |  |
|  | Target | Protected web log-in access to network. | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Home Automation | | |  |
|  | Target | Have smart devices connected to a central IoT hub | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Digital Entertainment | | |  |
|  | Target | Able to easily stream movie content | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Website Hosting | | |  |
|  | Target | Have a zoo bookmark/launchpad | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Infrastructural Support | | |  |
|  | Target | Able to remotely access the network | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Website Hosting | | |  |
|  | Target | Easily accessible knowledge | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Digital Entertainment | | |  |
|  | Target | Self-hosted network file storage | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 66 | / 69 |  |

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|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Infrastructural Support | | |  |
|  | Target | Automatically back-up data and critical configuration | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Infrastructural Support | | |  |
|  | Target | Network health monitoring | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Information Security Management | | |  |
|  | Target | Intrusion Detection | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Information Security Management | | |  |
|  | Target | Simple security management system | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Website Hosting | | |  |
|  | Target | Provide zoo bookmark/launchpad | | |  |
|  |  |  |  |  |  |
|  | Realization relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Realization relation | | |  |
|  | Source | Launchpad | | |  |
|  | Target | Provide zoo bookmark/launchpad | | |  |
|  |  |  |  |  |  |
|  | Triggering relation | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | Virtual Sites | | |  |
|  | Target | [R] Hub Industries ArchiMate documentation Website | | |  |
|  |  |  |  |  |  |
|  | 192.168.0.1 | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | ethernet (telenet) | | |  |
|  | Target | telenet: modem/router | | |  |
|  |  |  |  |  |  |
|  | 192.168.0.21 | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | router (carcharadon) | | |  |
|  | Target | ethernet (telenet) | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 67 | / 69 |  |

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|  |  |  |  |  |  |
|  | 192.168.0.23 | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | gonatus: switch | | |  |
|  | Target | ethernet (telenet) | | |  |
|  |  |  |  |  |  |
|  | 192.168.0.23 | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | ethernet (gonatus) | | |  |
|  | Target | gonatus: switch | | |  |
|  |  |  |  |  |  |
|  | 192.168.0.24 | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | main server | | |  |
|  | Target | ethernet (gonatus) | | |  |
|  |  |  |  |  |  |
|  | 192.168.0.25 | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | back-up server | | |  |
|  | Target | ethernet (gonatus) | | |  |
|  |  |  |  |  |  |
|  | 192.168.0.26 | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | entertainment system | | |  |
|  | Target | ethernet (gonatus) | | |  |
|  |  |  |  |  |  |
|  | 192.168.0.27 | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | file server | | |  |
|  | Target | ethernet (gonatus) | | |  |
|  |  |  |  |  |  |
|  | 192.168.0.28 | | | |  |
|  |  |  |  |  |  |
|  | Type | Association relation | | |  |
|  | Source | telenet: modem/router | | |  |
|  | Target | Wi-Fi (eeyore) | | |  |
|  |  |  |  |  |  |
|  | 192.168.0.28 | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | Printer | | |  |
|  | Target | Wi-Fi (eeyore) | | |  |
|  |  |  |  |  |  |
|  | 192.168.2.1 | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | ethernet (rhincodon) | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 68 | / 69 |  |

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| --- | --- | --- | --- | --- | --- |
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|  |  |  |  |  |  |
|  | Target | router (carcharadon) | | |  |
|  |  |  |  |  |  |
|  | 192.168.2.1 | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | Wi-Fi (rhincodon) | | |  |
|  | Target | router (carcharadon) | | |  |
|  |  |  |  |  |  |
|  | 192.168.2.20 | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | raspberry pi 4 | | |  |
|  | Target | ethernet (rhincodon) | | |  |
|  |  |  |  |  |  |
|  | 192.168.2.21 | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | Desktop PC | | |  |
|  | Target | ethernet (rhincodon) | | |  |
|  |  |  |  |  |  |
|  | 192.168.2.22 | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | TV | | |  |
|  | Target | ethernet (rhincodon) | | |  |
|  |  |  |  |  |  |
|  | 192.168.2.23 | | | |  |
|  |  |  |  |  |  |
|  | Type | Triggering relation | | |  |
|  | Source | security camera | | |  |
|  | Target | ethernet (rhincodon) | | |  |
|  |  |  |  |  |  |
|  | http | | | |  |
|  |  |  |  |  |  |
|  | Type | Flow relation | | |  |
|  | Source | Cloudflare | | |  |
|  | Target | Apache | | |  |
|  |  |  |  |  |  |
|  | Zoo Architecture | | 69 | / 69 |  |