

OPENNTF GUIDE TO OPEN SOURCE FOR HCL PRODUCTS

OpenNTF Board and Friends



Agenda

- OpenNTF Projects
- HCL Projects



Meet Your Hosts

- OpenNTF Board
- Special Guests



Familiar Favourites

- OpenLog
 - XPages OpenLog Logger – in need of project chef
 - Same code in ODA

Errors	Time
4	▼ April, 2024
0	▼ 08/04/2024
0	▼ apps/shipsp
0	▼ Doc_ShipS
	11:19:02
	11:19:01
	06:35:24
	04:35:08
0	▼ View_Ship
	14:31:09
	14:30:02

XPages JakartaEE Support

- Pro-code Java integration for XPages applications
- Source code on OpenNTF GitHub
- Project from uber community member Jesse Gallagher
 - Support him



Bali Unit

- Mature unit testing framework for LotusScript
 - Ported from VoltScript
 - Used by all VoltScript pipelines
- Generate unit test reports
- HTML reports for your project documentation
- XML reports for build pipelines
- Suppress reports → validation framework



Form, Subform and View Event Nirvana

- Lars Berntrop-Bos
- Presented at Engage 2023
- Move event code out of forms and views
 - Centralised code
 - Fewer compilation issues for complex LS applications



Nomad Development

- Wine Tasting
 - Theo Heselmans
 - On OpenNTF
- Mindoo ToDo Manager
 - Karsten Lehmann
 - On OpenNTF
- ToDo Tutorial
 - Paul Withers
 - https://github.com/paulswithers/domino_todo



Domino JNA

- Karsten Lehmann
- <https://github.com/klehmann/domino-jna>
- Java → C API
- On Maven Central
- Re-envisioned in Domino JNX
 - HCL-sponsored
 - Contributors may look familiar!
 - <https://github.com/hcl-tech-software/domino-jnx>
 - Used by Domino REST API
 - Also on Maven Central



Domino Docker

- <https://github.com/HCL-TECH-SOFTWARE/domino-container>
- Considerable work by uber admin Daniel Nashed
 - Support him
- Leverages Daniel's Linux startscript
 - <https://github.com/nashcom/domino-startscript>
- Also uses Domino One Touch Setup, also open source
- Super configurable
 - Create users, databases, documents, instal addons
- Basis of official Domino images



Domino Tools

- Check out <https://opensource.hcltechsw.com/domino>
- Domino Backup integration
- Domino Certificate Manager
- Notes ini playbook
- Domino Application Source Import / Export (dasie) schema
- Domino Design Guide
- Domino Linux – overview of Linux distros supported
- Domino License Analysis Utility
- C API docs and samples



Domino Templates

- Check out <https://opensource.hcltechsw.com/domino>
- CompareDbs
- Teamroom
- Discussion
- Doc Library
- Notebook
- RSS Generator
- MS Office Library
- Lotus SmartSuite Library



Documentation

- Documentation for many HCL products on <https://github.com/HCL-TECH-SOFTWARE/>
- Connections
- Sametime
- Domino REST API
- C API Samples
- Volt MX
- Volt MX Go
- DX
- Many repos have documentation sites
- Create PRs, fix and enhance



DX

- See <https://opensource.hcltechsw.com/dx>
- DX Portlet Development Utilities
- Samples React Script Application
- DX Modules and Script Apps
- DX Google Vertex Samples



Open Source Enchanted Design System

- Enchanted V1 introduced internally in 2020
- Current Enchanted V2 introduced in 2023
 - Connections V1
 - Sametime V2 (moving to V2)
 - DX moving to V2 – in progress
 - Volt MX adopting V2 – in progress
- Open Source V2
 - MUI based React component library
 - Icons library
 - Source code on HCL GitHub



Automation

- Connection Automation
 - Ansible scripts for easier management
- Sametime Automation
 - Scripts for Meetings deployment on on-prem K8s



Volt MX / Go

- DRAPI Admin UI
- DRAPI NodeJS SDK
- Volt MX Samples
- Volt MX Tutorials
- VoltScript Testing
- VoltScript JSON Converter
- VoltScript Collections
- VoltScript Volt MX Middleware
- VoltScript Samples
- VoltScript Interface Designer



And more...

- Covers not only Digital Solutions but all HCL Software
 - Open source for any HCL product should be on <https://github.com/HCL-TECH-SOFTWARE>
 - Single CLA covers you for contributing to any repo
 - Processes have a lot of synergy with OpenNTF



Next Gen

- OpenNTF website being redesigned
 - Thanks Jesse Gallagher
 - Support him
 - Looking for more contributors
- Goal is better source control integration
 - GitHub Issues, discussions, documentation
 - Do not reinvent the wheel
 - Leverage advanced functionality
- Easier integration with HCL and OpenNTF GitHub

