

Discover the independent Micro Focus software user community where you can share, collaborate, exchange, and grow

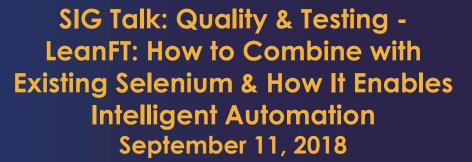
















Welcome to



#VivitSIGTalk





Future topics

SIGTALK

If you are interested in participating as

a SIG Talk speaker for one of our 2018

Quality and Testing topics or want

to suggest a speaker or topic, please

take a moment to **answer our survey**.

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Hosted By



Chris Trimper
Enterprise QA Automation
Architect
Independent Health



Today's Speakers



Daniel Horn Senior IT Consultant profi.com AG



Jonathon Wright Digital Therapist Digital-Assured



House Keeping

This "LIVE" session is being recorded
 Recordings are available to all Vivit members

Session Q&A:

Please type questions in the Questions Pane



Webinar Control Panel

Toggle View Window between Full screen/window mode.

Questions



YOUR INDEPENDENT MICRO





Tweet Your Questions



YOUR INDEPENDENT MICRO FOCUS SOFTWARE USER COMMUNITY







Vivit SIG Talk - Daniel Horn - September 11th 2018

Speaker



Daniel Hornprofi.com AG
Senior IT-Consultant

dhorn@proficom.de



Current market challenges





How can LeanFT help?





Technical Test Business Process Test





Micro Focus BPT

Key Features of LeanFT



- integrated in several IDE's and development-environments (IntelliJ, Eclipse, VisualStudio)
- Creation of tests based on established Unit-Frameworks and in known environments

- Creation of tests in modern languages (C#, Java, ...)
- Support of all major technologies as AUT¹

¹ Application under Test

LeanFT compared to Seleni Seleni





	LeanFT	Selenium
Programming Language	Java, JavaScript, C#	Java, JavaScript, C#, Pearl, PHP, Python
Operating Systems	MS Windows, Apple OS X, Linux	MS Windows, Apple OS X, Linux
Unit-Test-Frameworks	NUnit, MSTest, TestNG, JUnit, Jasmine, Mocha	NUnit, JUnit, TestNG, PyUnit, RSpec
Utilities	Object Identification Center Test Recorder LeanFT for Selenium Image Based Recognition	Selenium IDE (Record & Replay) Selenium Grid
Supported AUT	Web, Mobile, .NET, SAP, Java, Mainframe	Web (IE, Firefox, Safari, Opera, Chrome) Mobile (Appium)

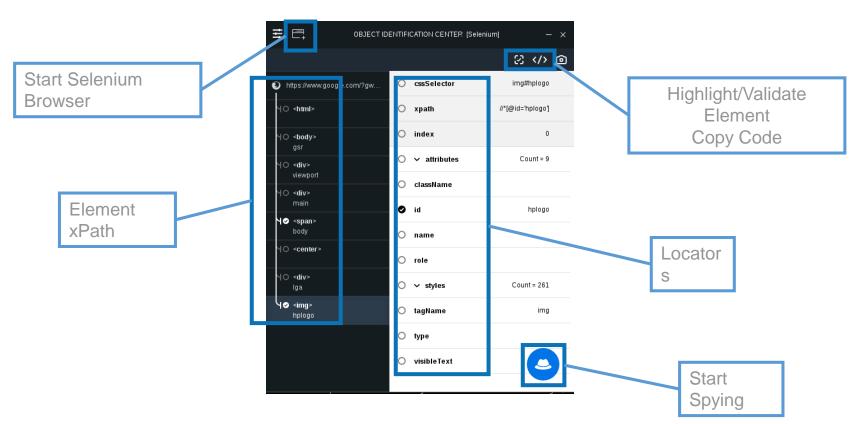
What is LeanFT for Selenium



- Extends the usage of Selenium
 - Enhancement of the functionalities
 - Visible text, object-type, attributes, regular expressions
 - Combine different locators
 - Object Identification Center for Selenium-Tests
 - Identification of objects in the application from IDE
 - Validation of selected locator combination
 - Code Generator
- Available since LeanFT 14.00

Object Identification from the IDE





Enhanced Locator Functionality



- Chain elements to recreate the Website-Structure
- Combine multiple locators to identify one object

Patterns for using LeanFT and Selenium profice mental and

- Integration by simply installing LeanFT
 - Install and enable LeanFT on Dev-Devices
 - Import two libraries and you are ready to go

```
6 import com.hpe.leanft.selenium.By;
7 import com.hpe.leanft.selenium.ByEach;
```

Make life easier using utility-tools (object identification center)

- "old" Selenium-Code is still working
 - TIP: Keep old code integrate when maintaining or developing new



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DIGITAL - VIVIT WORLDWIDE

ASSURED Board Member - Jonathon Wright — Director of Advocacy

Discover the New ADM

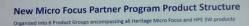
Posted By **Jonathon Wright**, Wednesday, June 13, 2018 Updated: Wednesday, June 13, 2018

Last week, I attended the Micro Focus Open Horizon Summit in Berlin as the recently elected Vivit Board Director for Advocacy along with our Engagement Director Stephanie Konkoy.





After speaking with Jerome Labat – Chief Technology Officer (CTO) at Micro Focus at some lengths around the next generations products they have planned to go to market, I can confidently say that there is plenty to get excited about with the new Micro Focus.







"Discover the new Micro Focus" is something that we have heard continuously over the last 250+ days since September 1st when they became one of the worlds largest pure-play software companies but what does that actually mean for you?

Our unique platform and proven model for MANAGING a portfolio of software assets @ scale



Let us start with the 300+ products (including heritage Hewlett Packard Enterprise / Mercury / Open View product families) Micro Focus are now managing with over 4,800 software engineers across 30 locations to deal with this size and scale they have had to align the end to end process:

- Market Opportunity
- Product Offerings
- Enablement (Go To Market)
- · Implementation Capabilities
- Tracking Performance

https://www.vivit-worldwide.org/blogpost/1289493/Board-of-Directors-Blog

OBEY THE LAWS!

v(i) = V(i) * X(0) -NUD+N1+(1-B)

Learn



DIG AL-COGNITIVE LEARNING

ASSURED TED talk on Al https://www.youtube.com/watch?v= hnxJEqq 6k

DIGITAL - AUGMENTED INTELLIGENCE?

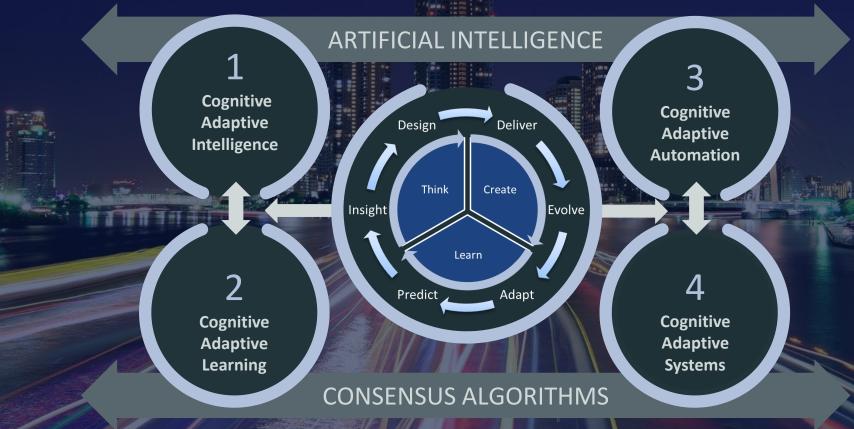
- Cognitive Learning Services (CLS)
- Augmented Intelligence (Alx)
- Virtual Personal Assistants (VPA)
- Smart Advisors
- Natural language processing
- People-Literate Technology
- Digital Experiences (DX)
- Internet of Everything (IoE)
- Human Augmentation
- Ambient Experiences
- Gesture Control
- Brain Computer Interface (BCI)
- Emotion Detection
- Head-Mounted Displays
- Virtual Worlds
- Context Brokering Platforms
- Digital Offers
- City Data Exchange
- · Complex Event Processing
- Atomic Level Mass Personalization
- Connected Vehicle
- Autonomous Vehicles (C2X)
- Vehicles to Infrastructure (I2X)
- Mood Recognition

- Cognitive Adoption The AI Imperative
- Ultra-Intelligence (Singularity)
- Deep Reinforcement Learning
- Learning / Selfaware Software
- Neural Networks / Conversational
- Quantum / Fog / Edge Computing
- Cognitive Reckoning / Abstract Thinking
- Humanoid robots
- Vision / Sensors / Knowledge Replication
- Neuromorphic Hardware
- · Digital Twins / Hyperconverged
- Cyber-physical systems
- · Cryptocurrency Lawful hacking
- Cyber Threat Prediction / Zerotrust security
- · Adaptive risk, trust & learning
- Location-based authentication
- · Growth / Performance hacking
- Flexible displays / Screenless interface
- Smart Dust / Workspace / Robots
- Nanotube Electronics
- Accumulated Reality
- Self-healing & aware systems
- Digital Out-of-Home (DOOH)
- Additive manufacturing

- Cognitive Adoption Platforms (GAP)
- Artificial Intelligence Foundations (1st Wave)
- Virtual / Augmented / Mixed Reality
- Immersive / Human Augmentation
- Intelligent / Enterprise of Things (EoT)
- Blockchain / Event Driven
- Mobilegeddon / Intelligent Apps
- Device Mesh / Sensorization
- Data visualization / stewardship
- Business / Digital transformation
- Tri-Modal / Shadow IT
- Interactive digital signage / Ambient UX
- Omni channel engagements
- Microcontainerization [Unikernels]
- BI / Big Data [NoSQL]
- Wearables / Haptics / Gesture tech
- 4D / 3D printing
- Uberfication of services
- Object based storage
- Smart building technologies
- Cloud aggregator / broker
- Chaos Monkey
- Gamification
- Commercial drones (UAVs)

DIG AL-AUGMENTED INTELLIGENCE

ASSURED Cognitive Learning — Evolution, over Revolution



DIG TAL - AUGMENTED INTELLIGENCE

ASSURED Importance of Digital Quality within Enterprise Artificial Intelligence (A.I.)



COGNITIVE ADAPTIVE TECHNOLOGY

Virtual Personal Assistants	Connected Home	Multi-Reality	Context Brokering Platforms	Connected Vehicle
Smart Advisors	Internet of Everything (IoE)	Brain-Computer Interface	Digital Offers	Autonomous Vehicles (C2X)
Natural-Language (Q&A)	Human Augmentation	Emotion Detection	City Data Exchange	Vehicle-to-Infrastructure
Situation Awareness	Ambient Experiences	Head-Mounted Displays	Complex Event Processing	Mood Recognition
People-Literate Technology	Gesture Control	Virtual Worlds	Mass Personalization (Scale)	Digital Offers (Concierge)

Deep / Machine Learning

Artificial Intelligence

Neural Networks

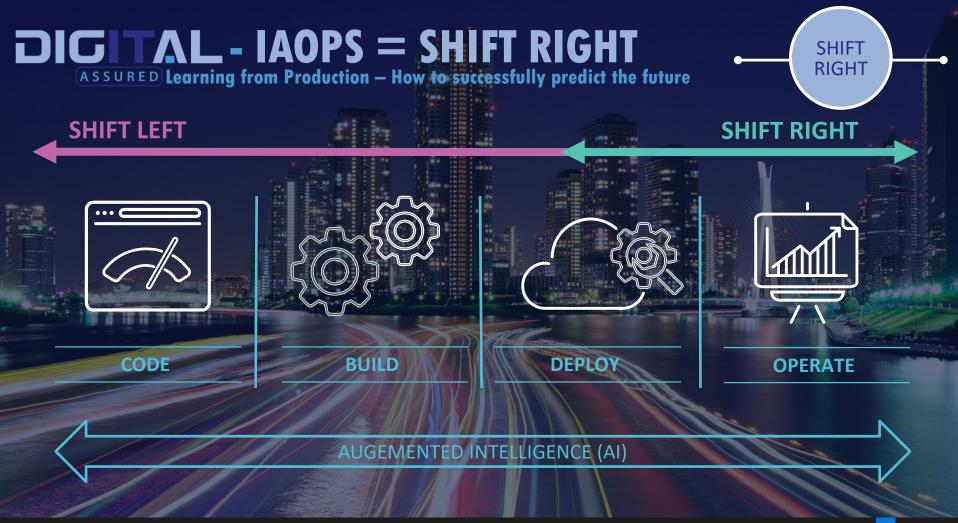
Quantum / Fog Computing

Cognitive Reckoning

ASSURED IF "Shift Left" < "Dev(Sec)Ops" THEN "Shift Right" > "AlOps"

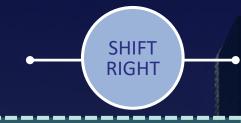
SHIFT RIGHT





DIG TAL - ENTERPRISE AIOPS

ASSURED Reversing the Paradigm - Value to Idealization





Enterprise AlOps

Value-Driven to Idealization



Business

"as a Experiment" modelling to proving hypothesis based on trusted DX evidence.

Cognitive Thinking

Delivery

Value-Driven Innovation Labs (Build > Test > Evolve) (LeanDX)

Cognitive Creation

Operations

Insight-Driven powered by Digital Experience (DX) Analytics

Cognitive Learning

DIG TAL - VALUE-DRIVEN DELIVERY

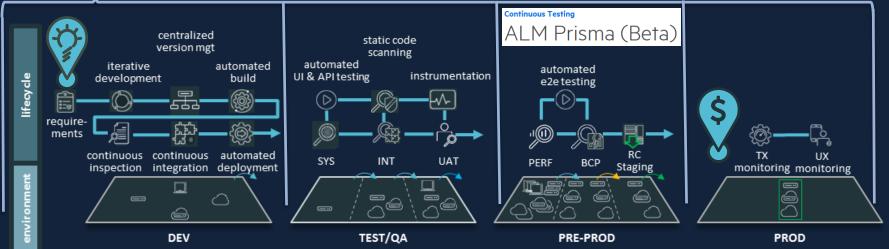
ASSURED Application Delivery Management (ADM) — Enabling Continuous Testing

ADM



- ✓ Lifecycle Management Suite (ALM, QC Ent (w/BPT), Agile Manager or ALM Octane)
- ✓ Performance and Lifecycle Management Suite (SV, NV, PC and LR)
- ✓ Functional Testing and Mobile Suite (UFT, BPT, Sprinter, LeanFT and Mobile Test)
- ✓ Application Performance Management Suite (APM, SiteScope, BPM and AppPulse)
- ✓ DevOps Suite for SaaS (ALM Octane, AppPulse Active, StormRunner Functional and Load)
- ✓ Microfocus SaaS AppDelivery Marketplace (ALM Prisma, ALI, TruClient or Applitools Eyes)
- ✓ DockerHub SaaS (ALM Octane (Technology Preview), LeanFT (IntelliJ) and PerfDriver.io)

Shift X (Everywhere)



DIG TAL - INTELLIGENT AUTOMATION_

ASSURED StormRunner Functional (Docker) vs. Microcontainerization UCP (Kubernetes)

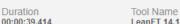
LEANFT

```
Windows Azure SDK Environment
$ docker run -it -p 5900:5900 --rm --add-host=license-server:16.60.133.93 -v //
c/Users/saaroni/Desktop/js_test-14.01:/tests -w /tests leanft-chrome
Performing npm test....
      info it worked if it ends with ok
      info using npm@3.10.10
      info using node@v6.10.2
npm info lifecycle js_tests@1.0.0~pretest: js_tests@1.0.0
npm info lifecycle js_tests@1.0.0~test: js_tests@1.0.0
```

js_tests@1.0.0 test /tests mocha --reporter leanft.report



Run Results



Total Memory 995MB

Host d5a9663ce991 Operation System Linux 4.4.52-boot2docker

User leanft-user

npm info lifecycle js_tests@1.0. nom info ok

Timezone GMT+0000 (UTC)

Execution Time

Core Number

2017-08-07 14:43:30

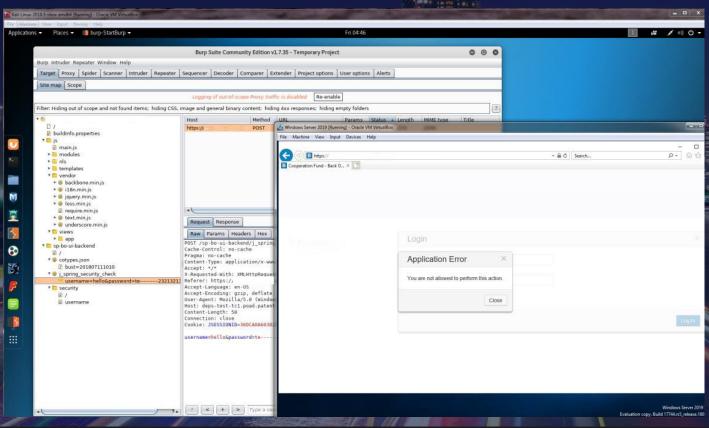
Locale POSIX

https://hub.docker.com/r/functionaltesting/leanft/

< Show Less

DIGITAL - INTELLIGENT SECURITY

ASSURED Reverse Proxy (Fiddler) vs. Proxy (PortScanner)

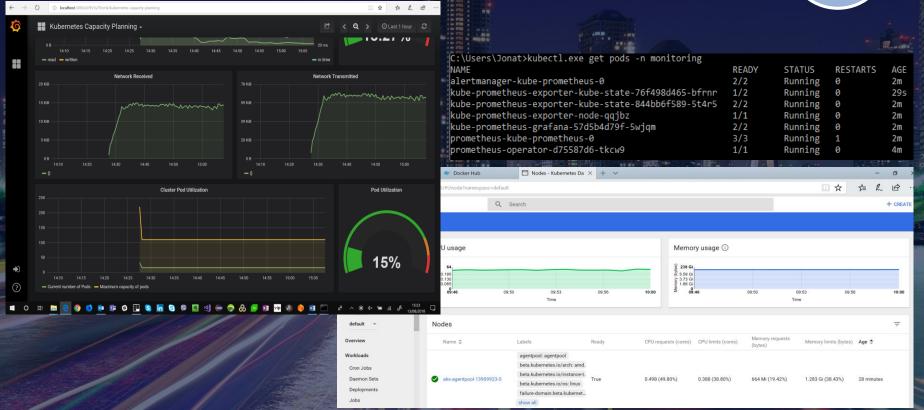


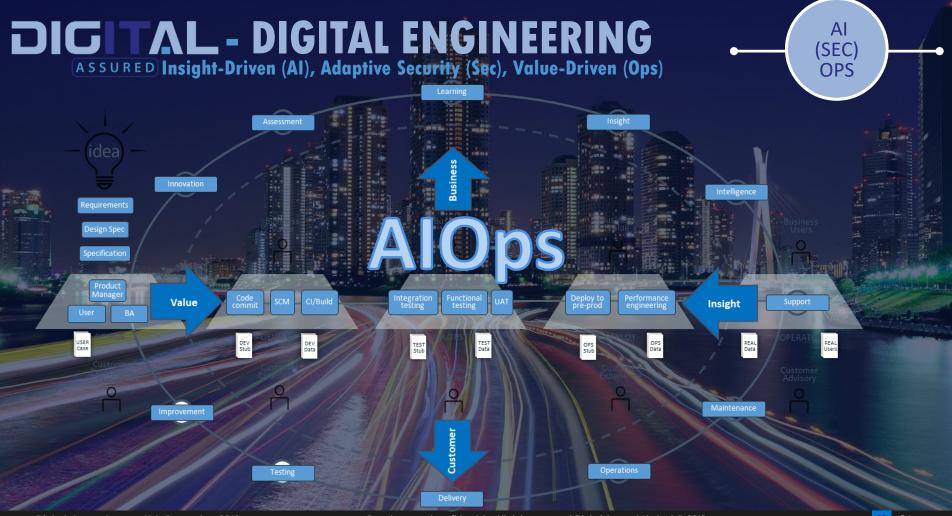


DIG TAL - INTELLIGENT OPERATIONS

ASSURED Enterprise OpsDev - Microcontainerization Enterprise Management







Cybersecurity Summit 2018 Registration



Experience security at the speed of innovation

Join us for education, skills-building and solutions-oriented discussion around the challenges you face protecting your users, apps and data.

Register Now! Be sure to use this Vivit Member Link!



Upcoming Vivit Webinars

September 13, 2018

4 Steps to Achieve a Data Driven Culture using TotalView Analytics for ALM 8:00 - 9:00 AM PDT (Los Angeles), 11:00 AM- 12:00 PM EDT (New York), 17:00 - 18:00 CEST (Frankfurt) https://www.vivit-worldwide.org/events/EventDetails.aspx?id=1123536&group=



Vivit SIG Talk

- Complete the short survey
- For more information, go to:

http://www.vivit-worldwide.org/?page=Quality Testing

#VivitSIGTalk





