



## Vivit Advanced Training



Tuesday, June 11, 2013  
The Venetian | The Palazzo Resort in Las Vegas  
8am-12pm

Enhance your HP Discover experience by joining Vivit, the independent HP Software user community, a few hours before the conference begins for the Vivit Advanced Training program highly ranked by attendees. Choose from 10 courses to hear real-world implementation experiences and examples from practitioners who are in the field solving business problems with HP Software tools every day. This is a great opportunity to advance professionally.

**Registration:** The cost per training course is only **\$99** thanks to our sponsors. This is a \$400 savings off the normal rate. A Vivit Advanced Training course can be added to your [new](#) or [existing](#) HP Discover registration account. If you will be creating a new HP Discover registration account, use registration code “**Vivit**” to get the best possible admission rate. Questions? Unable to attend HP Discover but would like to attend Vivit Advanced Training? Contact [Laura Walker](#), Education Chair, Vivit Board of Directors.

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## Deep Dive into Unified Functional Testing 11.5



This in-depth training is intended to assist test automation engineers and managers in efficiently planning and executing an effective test automation framework using Unified Functional Testing (UFT). You will learn the new features of UFT 11.5 including IDE Changes, HP Insight image based object recognition, converting HP Sprinter exploratory tests into HP UFT GUI tests, UFT Mobile, ALM Lab Management integration with HP UFT, and the new GUI (QTP) + API (Service Test) testing platform.

You will walk away with a better understanding of how to build a business case for test automation, its role in a successful test strategy, and how to select tests that are good candidates for automation. We will cover the concept of automation frameworks and common framework design concepts, as well as leveraging external test resources in framework design, including resources that are managed in HP ALM.

Other features covered include UFT Extensibility in GUI testing and the HP Extensibility Accelerator, HP UFT API testing, and how to include both GUI and API based actions to fully validate application functionality. You will gain valuable insight into the need for API testing in a successful automation strategy, how to create and enhance API tests, and how to extend API testing capabilities using custom activities.

**Class focus:** HP UFT (Unified Functional Testing)

**This course is suitable for:** HP QTP and HP Service Test users

**Course level:** Intermediate to Advanced

**Prerequisites:** Participants should have at least 6 months experience using HP QTP or HP Service Test

**Target Group:** Automation Engineers, Automation Testers, Quality Assurance Managers, Automation Management Specialists, Tool Specialists, HP QTP Users, Software Quality Engineers, Software Testers

**About the instructor:**

**Patrick McCartney, a Senior Solutions Architect with Checkpoint Technologies, Inc.**

Patrick is an HP certified software professional specializing in the Unified Functional Testing, Application Lifecycle Management, and Performance Management portfolios. With years of experience in software development, test automation, requirements management and quality assurance, Patrick provides a unique perspective on the challenges that modern IT organizations face today. He has helped customers realize the full value of the HP Software solutions and solve some of the most advanced HP

Software and automation challenges by leveraging his creativity and expertise. In addition to various HP software certifications, Patrick also holds International Software Testing Quality Board (ISTQB) certifications.

## Deep Dive into ALM 11.5



This course will provide you with the skills and tools necessary to get the full benefit of the robust features of Application Lifecycle Management 11.5 including HP Sprinter, Business Views, Project Planning & Tracking, Reporting and many other features of ALM. We're going to take a close look at the new as well as the important features of ALM 11.5 and how you may incorporate them into your organization. You will see how you may improve time management, quality processes, reporting and helping management and executives understand the quality of your software. Through David's extensive experience as a practitioner, you'll gain valuable best practices, enhanced usability and upgrade tips. Some of the focus areas include:

- HP Sprinter
  - Configuration and successfully implementing Sprinter to create both formal and exploratory test cases
  - New time saving features such as Data Injection, Scanners and Smart Defects
- Business Views
  - Create graphs based on your business needs and benefit from full control of permissions and multiple entities
  - Learn tips and tricks of setting up Business Views
- Asset Sharing and Reusability
  - Improve testing resource productivity and increase regression coverage
  - Stop re-inventing the asset and entity wheel
- Cross Project Standardization and Reporting
  - Share ALM processes and standards across projects
  - Set up and gather metrics that matter most
  - Share across projects and Wiki/Sharepoint pages

**This course is suitable for:** HP ALM and HP Quality Center users

**Course level:** Intermediate to Advanced

**Prerequisites:** Participants should have at least 6 months experience using HP ALM or HP Quality Center

**Target Group:** QC Administrators, Test Managers, Software Quality Engineers, QA Managers, Software Quality Analysts

## About the instructor:

### **David Broerman, Technical Support Manager, Checkpoint Technologies, Inc.**

David is an active Senior Solutions Architect. He is an HP certified software professional and Certified Instructor, specializing in the Application Lifecycle Management and Unified Functional Testing portfolios. David has years of experience assisting customers in leveraging the HP software solutions, including developing a Quality Center/ALM upgrade assessment process that's been successfully utilized by several Checkpoint Technologies clients. David has provided numerous webinars on the topic of ALM and Quality Center and has spoken at many conferences, including HP Discover. David is also a co-Leader of the Florida Vivit chapter where he often shares his experiences in the field with fellow Vivit members.

## **HP ALM: Best Practice Templates and Intelligent Reporting**



Project Templates are the backbone of how HP Quality Center or HP ALM is used in an organization. They define everything from how testers enter their bug reports to how data can be gathered for reports. Choosing the right reporting tool is essential for maximizing visibility and minimizing the effort needed for report creation.

By implementing a well-designed project template strategy, you can ensure:

- Users are working according to the testing process
- Key portions of the testing process can be automated to save valuable time of testers
- The right data is gathered for reporting, metrics and analytics
- Maintenance and administration costs are significantly reduced

In this class, you will learn:

- How to design and deploy superior HP ALM project templates, based on field-proven best practices
  - The design of an excellent Template – e.g. fields, user groups, requirement types and requirement templates
  - How do you implement a Template that captures enough data, without bothering your users?
  - Gathering information for creating the Template – analyzing your current projects and ways of working
  - How to manage changes to the Template(s)
  - How to migrate from using old HP Quality Center “templates” to using proper HP ALM templates, for true one-click updates and full control over your customizations
  - Advising your developers in structuring and managing your workflow code

- How to do Intelligent Reporting with HP QC/ALM
  - Lots of options - Pick the right tool for the job
  - How Project Topology and Templates affect your Reporting
  - How to aggregate information from various applications and projects
  - How Business Intelligence tools can be used with HP QC/ALM for eliminating manual reporting effort and for providing unforeseen visibility into QA activities

**Class Focus:** HP Quality Center, HP ALM

**The course is suitable for:** Quality Managers, Test Managers, HP Quality Center/ALM administrators

**Course level:** Advanced

**Prerequisites:** Participants should have at least ½ years of experience in using and administering HP Quality Center or HP ALM. Participants should be familiar with the various customization and administration capabilities of HP QC/ALM.

**Target Group:** Persons responsible for customizing HP QC/ALM to meet business needs. Persons seeking to improve the way they do QA reporting.

**About the instructor:**

**Olli Laiho, Vivit Leader and Senior QA Consultant, Assure**

Olli works for Assure “The QC Guys” as Senior QA Consultant and was awarded “Vivit Leader of the Year” in 2012. Olli is a recognized expert on HP’s Application Lifecycle Management (ALM) and Quality Center products. He specializes in helping enterprises optimize the use of their QA tools, resources and processes. Olli is also dedicated to driving the value of utilizing Business Intelligence tools in QA and Testing for improving the output and performance of QA organizations worldwide. Olli is a frequent speaker and roundtable leader at the international HP Discover conferences.

## Mango – Enabling Next Generation Test Automation on HP ALM, HP UFT and HP BPT



Effectiveness and efficiency during software delivery is critical to any business in a competitive marketplace.

And key to this is 100% success and rapid automated test creation and execution - the corner stone to dynamic business development projects test planning. Recording tests through the varied process paths is time consuming for traditional record, and replay scripting tools and building complex test automation frameworks requires dedication, time and experience to create and maintain. The ability to empower the average tester with the ability to construct component driven tests via a simple tool is a powerful weapon in anyone's arsenal.

In this training session, Infuse will train users how to deliver test automation benefits in half the time of any other approach through the use of the Infuse Mango automation tool in conjunction with HP Software ALM solutions.

Topics covered include:

- Using Mango integration within HP ALM
- Scanning dynamic forms in business applications
- Automatic creation of BPT components
- Developing Business Process driven tests
- Optimising Business Process Tests to enhance automated test reusability in HP BPT
- ALM test execution
- Building business levels reports using Mango's logger and HP ALM
- How to enable Test-on-Demand on ALM

**Class focus:** HP QC / ALM, HP UFT, HP BPT

**This course is suitable for:** HP UFT and HP ALM-Quality Center users

**Course level:** Intermediate to Advanced

**Prerequisites:** Participants should have at least 6 months experience using HP UFT and HP Quality Center/ALM

**Target Group:** Automation Test Specialists, Test Managers, Software Quality Engineers, QA Managers, Software Quality Analysts, Oracle Functional Experts

## About the instructor:

### **Richard Bywater, Technical Account Director, Infuse Consulting**

Richard has worked within the IT consulting space for more than 12 years delivering business critical IT solutions and services to a broad range of multinational companies globally and is a certified HP ASE ALM and PC consultant. Richard is also a certified trainer in HP ALM and Performance Center products.

Infuse is a leading provider of ALM solutions aiming to provide businesses with leading edge and innovative solutions that enable you to run IT like a business.

## **Modern Data Protection and Management Using HP and Veeam in Your Virtual Environment**



If your virtual machine data protection plan isn't designed from the ground up for virtualization, you're losing time and money and putting your data at risk. Old models designed for physical environments do not work well for today's dynamic virtual environments requiring data restoral of individual files or entire virtual machines in minutes not hours. Based on this session, you will be able to evaluate how to optimize backup storage resources for your particular environment, budget and required service levels. We will share real-world examples, including common pitfalls and lessons learned. You will get a comprehensive understanding of recovery strategies based on your recovery time objective (RTO) and recovery point objective (RPO) using HP Storage and Veeam Backup & Replication.

Topics covered include:

- Backup target storage tradeoffs and best practices: software versus hardware snapshot comparison; deployment alternatives for StoreOnce, StoreVirtual and StoreServ
- Replication alternatives and best practices: software versus hardware replication comparison between StoreVirtual, StoreOnce and Veeam Backup & Replication
- Tiered recovery strategy implementations using SAN snapshots, disk-based backup, item-level recovery

**Class focus:** VMware vSphere or Microsoft Hyper-V virtual machine, backup, replication, Exchange item recovery and recovery from storage snapshots

**The course is suitable for:** VMware or Hyper-V administrators

**Course level:** Intermediate to Advanced

**Prerequisites:** Basic knowledge of VMware vSphere or Microsoft Hyper-V hypervisors as well as server backup

**Target Group:** IT administrators and other professionals involved in the backup and recovery of vSphere and Hyper-V virtual machines

**About the instructor:**

**John DeFrees, Solution Architect, Veeam Software Corporation**

As a Solution Architect in Veeam Software's Technical Alliance Program, John is involved in hardware certification, solution design, documentation and partner education. John is a 15-year veteran of HP, having worked as a Product Manager, Master ASE instructor and Technical Marketing Engineer. Prior to Veeam, John worked on projects involving virtual infrastructure upgrades, implementation of HP BladeSystem with HP Storage in production VMware environments and Proof of Concepts for HP customers.

**uCMDB V10 – What's New  
& Advanced uCMDB Discovery Script  
Development Using uCMDB Web-Service**



In this session, we will cover a segment of the advanced uCMDB discovery workshop. We will focus on the development of a new discovery script that uses the uCMDB Web-Services which allows the uCMDB users to extend the out of the box discovery capabilities.

The use of the uCMDB Web-Service can empower the interaction between the discovery job, discovery adopter and discovery script.

The session will cover the entire flow, starting with the problem identification, through the research phase, and presenting the solution.

In addition to the discovery enhancements, we will also cover the CMS concept and the new features of uCMDB Version 10. The session will end with Q&A.

**Class focus:** uCMDB/DDM , CMS

**The course is suitable for:** Practitioners/Developers involved with CMDB efforts

**Course level:** uCMDB Advanced

**Prerequisites:** uCMDB fundamentals, Jython script developers

**Target Group:** Administrator, contractor, consultants

## About the instructors:

### **Chaim Amar, Chief Executive Officer, Univiews**

Mr. Amar has over 11 years of worldwide experience in consulting, management, business service management, mergers, acquisitions and alliances. Prior to UniViews, Chaim spent over 6 years as a leading member in the marketing and uCMDB Global Technical Enablement divisions of Hewlett-Packard and Mercury Interactive. Based out of London, Chaim oversaw uCMDB implementations and marketing activities worldwide including HP Exhibitions, Conferences, internal training and demos for PSO/CSO and Sales. Prior to HP/Mercury, Chaim performed as the Chief Operating Officer in Zitec LTD and Managed the Educational Department in E-Teachers. Chaim is active in the IT management business community, speaks at conferences worldwide and participates regularly in IT Governance and IT Management advisory boards.

### **Daniel Klevansky, Co-Founder, Univiews**

Mr. Klevansky holds over 13 years of expertise in the field of Information Technology. Prior to the founding of UniViews, Mr. Klevansky was the CTO of Marathon Consulting, led the HP Customer Oriented R&D team in CMDB Implementations in the United States and Europe, and was a core member in the development team of Application Mapping Engines in Appilog, Mercury and HP (known today as HP uCMDB).

## **BSM Service Intelligence Suite: The 5th Dimension of APM**



J9 Technologies will provide in-depth instruction of how to integrate 3rd party metrics into HP BSM for customers that own other monitoring tools. Learn how to provide more analytics, as well as predict outages and increased capacity needs before they occur.

**Class focus:** HP SHR, SHO, SHA, OMi and BSM Connectors.

**The course is suitable for:** HP BSM, SHA/SHR/SHO, OMi, and BSM Connector administrators and architects

**Course level:** Intermediate to Advanced

**Prerequisites:** Participants should have at least 6 months of experience using and administering BSM, and a working knowledge of Service Intelligence, RTSM, and OMi concepts

**Target Group:** Administrators and Architects responsible for designing and implementing Service Intelligence programs, System Integrators tasked with integrating 3rd party data into BSM, and Analytics professionals responsible for delivering actionable metrics to business and technical users

## About the instructors:

### **Bill Camargo, Director of Professional Services, J9 Technologies**

Bill Camargo is J9 Technologies' Director of Professional Services. He is a Consulting and Technical (Pre-) Sales Specialist with a deep background in application management and middleware. Bill has a long history of enterprise-software sales, execution, and business partner relationships. He started his career as a software developer / jack-of-all-trades for a small R&D department, then progressed into System Engineering (technical pre-sales), Business Partner Relations, and Professional Services. Bill's current responsibilities are to manage and develop the professional service businesses at J9, including consulting (onsite and remote), managed services, product support, software pre-sales, and education services. He has worked with applications environments from CICS and DCE to J2EE and .NET. Bill was awarded a B.S. in Computer Science in 1991 and an M.S. in Computer Science in 1995 from the Pennsylvania State University.

### **Andrew Cornwall, Principal Consultant, J9 Technologies**

Andrew Cornwall is a Principal Consultant with J9 Technologies. He has delivered HP Software solutions for over 15 years. He has delivered consulting services to over 50 Fortune 100, large, and medium sized customers across North America, has delivered a specialized focus at the juncture of Operations and Application management, and has developed countless custom software integrations for his customers. Andrew has presented at several HP Software conferences and enjoys enabling technologists and businesses to get the most from their software investments. Prior to J9 Technologies, Andrew was with Idhasoft and Pepperweed Consulting and has held staff positions at several Federal and Telecom organizations.

Andrew attended the University of North Dakota and holds several HP Software certifications. He spends his limited spare time in Southern Illinois with his wife and 15 year old twins and is an active volunteer for Mater Dei High School.

## Mobile Application Development – a short tutorial using HP Anywhere



Are you facing the challenges of how to develop and deliver mobile apps? Join us for an advanced, hands-on tutorial where you can learn how to build multi platform, multi screen, collaboration enabled apps that engage and delight your users. This session is intended to help developers and architects learn how to design, develop and utilize HP Anywhere to create powerful, user centric mobile applications.

**Class focus:** Enterprise Mobile Applications using HP Anywhere 10.0

**The course is suitable for:** Application developers who are familiar with JavaScript, HTML 5, and the Eclipse IDE. It will specifically focus on the development of enterprise mobile applications and will include hands-on exercises.

**Course level:** Intermediate

**Prerequisites:** Some experience with the Eclipse IDE, HTML5 , JavaScript and Java will be required

**Target Group:** Application Developers, Mobile Developers, Enterprise Developers, Enterprise Architects

**About the instructors:**

### **David Landsberg, HP Anywhere Product Manager, HP Software**

David Landsberg is a Product Manager at HP, responsible for HP's Mobile & Social Software product – HP Anywhere. David has been in the “software development for the enterprise” business as long as he can remember and still finds it super exciting! He joined HP in 2005 via the Mercury Interactive acquisition as software developer and has filled numerous roles since, including R&D Section Manager and “founder” of a new product within the company – all this while running around chasing girls—his three beautiful daughters. David has a B.Sc. in Computer Science & Operational Research.

### **Adi Ofry, HP Software Developer**

Adi Ofry is a 16 year veteran in software development. Adi doesn't sleep as he continuously tries to:

1. Get end user satisfaction
2. Make systems & business scale

Currently, Adi is the System Architect for HP Anywhere. Before his time at HP, Adi held the position of R&D manager for a Big Data analytics product, analyzing GSM traffic at Starhome.

## Mobile Functional Testing – with UFT Mobile



Are you responsible for testing mobile apps before they hit production and your end users? Is it hard to keep up with the speed of mobile? Join us for this hands on tutorial, where you will learn how to leverage UFT Mobile to automate and streamline your mobile functional testing. This way, you will be able to accelerate your testing and deliver higher quality mobile apps.

**Class focus:** UFT Mobile, BSM, Load Runner

**The course is suitable for:** Test Engineers, Solution Architects, Test Group Managers

**Course level:** Beginners/Intermediate

**Prerequisites:** UFT Knowledge – Basic Level

**Target Group:** Anyone interested in Mobile Testing

**About the instructor:**

**Svetlana Kostinsky, Manager of Professional Services and Training, Perfecto Mobile**

An experienced mobile test automation expert, Svetlana joined Perfecto Mobile in 2009. In her role as Manager of Professional Services and Training, Svetlana has been involved in numerous mobile testing projects with major enterprises across a wide variety of industries. Over the past two years, Svetlana has focused her efforts primarily on building and executing training programs for customers using Perfecto Mobile's integration products with HP across Europe and the US. These programs are designed to help customers extend their HP software testing tools and methodologies to support mobile application testing.

## Mobile Performance Testing



Effectively delivering high performing mobile apps is a dynamic challenge, where you have to account for a variety of mobile users who each have different network connections. In this tutorial, we will focus on the unique performance challenges that you will face with mobile apps and will learn how to ensure that your mobile apps will perform when it encounters real-world network conditions with HP LR and Shunra Network Virtualization.

This education session will provide you with a unique learning experience about MOBILE performance testing best practices leveraging HP LoadRunner, HP Service Virtualization, and Shunra Network Virtualization. Each of the key topics covered will include in-depth discussions and best practices around mobile performance testing, including:

1. Shunra Network Virtualization (Overview)
2. Single User Performance Testing (Overview & Demo)
3. Multi-User/Load Performance Testing (Overview & Demo)
4. HP Service Virtualization (Overview & Demo)

At the end of this education session, you will fully understand the challenges associated with accurately performance testing MOBILE applications, along with key strategies for addressing these challenges.

**Class focus:** HP LoadRunner, HP Analyzer, HP Service Virtualization

**The course is suitable for:** Performance Engineers and QA Specialists

**Course level:** Beginner/Introductory

**Prerequisites:** Basic Understanding of LoadRunner and HP Analyzer. Experience with performance testing is a plus.

**Target Group:** Performance Engineers

**About the instructor:**

**Liam McCamley, Director of Business Development, Shunra**

Liam has proven success delivering value to large enterprises. He joined Shunra in 2007 as a Senior Sales Engineer and has over 6 years of experience with Shunra's Network Virtualization solutions and delivering Application Performance Engineering best practices to global Fortune 2000 enterprises.