



# NUIX CERTIFIED DEVELOPER MASTER PATHWAY

# SYLLABUS

The Nuix Certified Developer Master pathway is intended to enable developers with the tools, techniques and tricks to implement typical workflows using Nuix's premiere data normalization and analysis platform in the following ways:

- Successfully install and set up your Nuix Development environment
- Review best practices for DevOps and Nuix
- Learn how data modeling and infrastructure considerations impact your workflow
- Build and run your own end-to-end workflows from collection to review using Nuix
- Integrate Nuix with other best-of-breed applications
- Customize your review workflow and experience with the Nuix Discover
- Graph API and UI Extensions

Each course in the Nuix Certified Developer Master Pathway has a certification exam. Following this training students will be enrolled in the courses of their choosing and the corresponding Nuix Certified Developer certification exams. Students who achieve four or more Nuix Certified Developer certifications will earn Nuix Certified Developer Mastery.

## INTRODUCTION TO THE NUIX DEVELOPER COURSE

- Core Values
- Data Modeling
  - Derby Paired with Lucene
  - Elasticsearch
  - Discover MSQl
- Nuix Products and API's
- General Tips
  - Resources
  - Developer Documentation
  - Logs

## NUIX CORE ENGINE SCRIPTING API COURSE (Standard)

- Introduction
- Installation of Nuix
- Licensing
- Case Creation & Data Processing
- Searching Analytics

- Metadata Profile Scripts (Scripted Metadata)
- Legal Export & Load Files
- Worker Side Scripts (Optional)
- SourceItemFactory (Optional)

## NUIX CORE ENGINE JAVA API COURSE (Standard)

- Introduction
- Configuring IDE
- Licensing
- Data Processing
- Searching & Analytics
- Metadata Profiles & Metadata Profile Scripts
- Legal Export & Load Files
- Worker Side Scripts
- SourceItemFactory (Advanced)

## NUIX CORE ENGINE REST API COURSE (Standard)

- Introduction
- Installation of Tools

- REST Authentication
- Case Creation
- Inventory (Case) Management and Case Deletion
- Data Processing
- Monitoring Running Jobs
- Searching
  - Simple
  - Large
  - Background
  - Pagination
  - Query Validation
- Working with Annotations
- Working with Tags
  - Create and Delete
  - Assign and Unassign in Bulk
- Retrieving Text and Binary for One Item
- Production Sets
  - List
  - Create
  - Delete
  - Assign Items
- Custom Scripting
  - Long Running and Instant
  - Case Specific and Generalized
  - Status Code and Content
  - Progress Tracking
- Retrieving Diagnostics

### **PROCESS AUTOMATION (BPMN) COURSE (Standard)**

- Introduction
- Installing and Configuring Activiti
- Configuring Activiti for Persistence (MYSQL backend)
- First App Tile Creation
- First Business Process Model
- Login and Logout Workflow to Nux RESTful
- Forms

- Default Values
- Using in Process

### **NUIX DISCOVER® GRAPH API COURSE (eDiscovery)**

- API Key
- GraphQL/Connect API Explorer
- Billing
- Cases
  - Cloning
  - Management
- User Management
- Searching
- UI Extensions (UIX)\*<sup>i</sup>
- UIX Demonstration\*

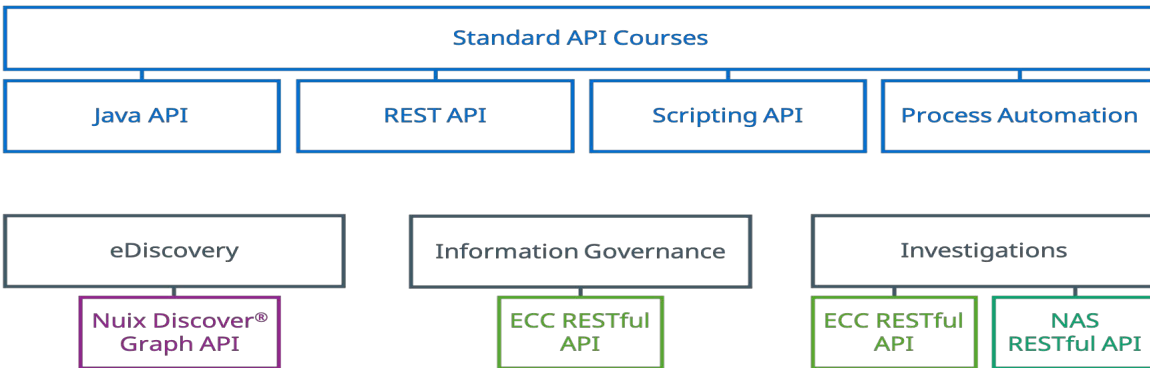
### **NUIX ENTERPRISE COLLECTION CENTER RESTful API COURSE (Information Governance & Investigations)**

- Introduction
- Installing ECC and Configuring a REST User
- Computers
- Cases: Create, List, and Delete
- Artifacts: How to Use Custodians and Targets
- Configurations Overview
- Collections by Path, Target, Custodian, and Listing
- Jobs Listed by Collection
- How to Access Logs and Common Issues

### **NUIX ADAPTIVE SECURITY RESTful API COURSE (Investigations)**

- Introduction – REST orientation and authentication
- Open Data Protocol (oData)
- Replacing a Tedious Workflow
- Rule Maintenance
- Endpoint Auditing
- Alert Management

For Nuix Developer's working in environments with specific use cases, we broke out the courses by the following: eDiscovery, Information Governance, and Investigations.



A Nuix Developer will begin their journey taking any or all the Standard API courses: Java API, REST API, Scripting API and Process Automation.

For those interested in the eDiscovery use case, the additional course to take is the Nuix Discover® Graph API. In this course students will embark on a journey to cover the use of a Discover API Key and the common business scenarios.

For the Information Governance use case, the additional course to take is the ECC Restful API course. This course will empower students to install and configure ECC for development use. After deploying students will walk through the main objects that ECC focuses on: Computers, Cases, Custodians, Targets, Configurations, Collections, Jobs and Logs.

For the Investigations use case, the additional courses to take are ECC Restful API the NAS RESTful API courses. The NAS RESTful API course will take students through the K-Language used by Adaptive Security and interacting with an existing instance of Adaptive Security. If you have any questions or require more information, please email [training@nuix.com](mailto:training@nuix.com).

[For a complete listing of scheduled courses, please visit nuix.com/training.](https://nuix.com/training)

**Nuix ([www.nuix.com](http://www.nuix.com))** creates innovative software that empowers organizations to simply and quickly find the truth from any data in a digital world. We are a passionate and talented team, delighting our customers with software that transforms data into actionable intelligence and helps them overcome the challenges of litigation, investigation, governance, risk, and compliance.

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\* The Nuix Discover® UI Extensions component is currently offline in the Nuix Discover SaaS environment due to a security concern.