



**CT-QTP-103**  
**Mastering QTP**

<b>Overview</b>	<p>This core course provides a comprehensive understanding of using advanced OTP features to improve and boost the automated functional testing tool for different environments.</p> <p>You will learn how to use more efficient alternatives for complex tasks.</p> <p>You will learn about all the OTP reserved objects, when and where to use them.</p> <p>How to configure your environment when working within a team.</p> <p>Special identifications configurations required and OTP reserved objects <b>Note:</b> All topics are supported by hands-on exercises based on real-life examples.</p>
<b>Duration</b>	3 days
<b>Also Recommended</b>	Scripting QTP CT-QTP-102
<b>Intended Audience</b>	Intermediate or advanced users of QTP who need to improve the knowledge on advanced OTP features and need to use advanced techniques for testing.
<b>Professional Prerequisites</b>	<p>First Steps Windows CT-QTP-100 Or</p> <p>First Steps Web CT-QTP-200</p> <p>Scripting QTP - Basic CT-QTP-101 Or</p> <p>At least 6 months of QTP experience</p>
<b>Technical Prerequisites</b>	Valid QTP license and Internet access.
<b>Career Track Relevancy</b>	<p>QTP Java Programmer ; QTP Web Programmer</p> <p>QTP .NET/.NET Web Programmer ;</p> <p>QTP SAP/SAP Web Programmer; QTP TE Programmer</p>



## Topics

- ✓ Handling command line tasks (DOS, Telnet ).
- ✓ Object Oriented Testing and Design.
- ✓ Working in a multi-user environment.
- ✓ Automatic tool configuration
  - QTP options.
  - Test Settings.
  - Object identification.
- ✓ The Object Repository ( tips and advanced configuration )
- ✓ Object identification configuration ( when and where )
- ✓ Advanced Data-Driven / keyword driven Testing ( Xml Based )
- ✓ Virtual Objects.
- ✓ Environment object.
- ✓ Associate external resources to scripts ( XML,XLS,VBS )
- ✓ Actions, local reusable actions, external reusable Actions.
- ✓ Local Action and global action iterations.
- ✓ Parameterization and Return Values of Reusable Actions/Test
- ✓ DP ( Descriptive programming techniques and Description object )
- ✓ Reporting, Debugging and reporter object
- ✓ Analyzing test results.
- ✓ Recovery Scenarios, Recovery files.
- ✓ Simulating analog recording ( DeviceReplay )
- ✓ Register and unregister user functions (override objects functions )
- ✓ The DataTable object ( DTSheet, DTParameter )
- ✓ Using windows API ( Extern ).
- ✓ QTP Reserved Objects
  - MercuryTimers



- SystemUtil
- Setting
- DotNetFactory
- WebUtil
- XMLUtil
- Services
- End/StartTransaction.
- LocalParameter
- Crypt
- ✓ QTP Tools
  - Multi Test Manager
  - Results Deletion.
  - Register Browser control.
  - Save and Restore Settings