



Immersion Class Descriptions

Powel 2010 User Group Meeting

For 2010, all immersion classes will be taught using the R7.4 platform.
Please remember to bring your laptop with wireless connectivity.

Immersion Classes

Beginner Scripting & Queries

Corey Punt

Scripting allows StakeOut software to be completely customized to your utility's individual needs. In this class, we will give you the tools and knowledge to write queries and begin writing scripts in StakeOut. We will also cover the documentation available to get you started writing SQL queries and your own scripts. This is a full day course, and a computer with wireless internet connectivity is required.

Learning Objectives:

1. Queries:
 - a. Basic SQL language
 - b. Basic Dbase queries
 - c. Explanation of some of the tables in StakeOut
 - d. SOQuery Tool
2. Basic scripting concepts
 - a. Objects
 - b. Methods
3. Locate resources
 - a. Delphi script language assistance
 - b. Time-to-help file (StakeOut generated help file)
4. Learn how to use scripting resources
5. Hands-On examples
 - a. On change scripts
 - b. Symbology scripts (Background Maps and Staking Entities)
 - c. Staking Sheet Scripts
 - d. After synch up Work Order Script
 - e. Action Button Scripts

Advanced Scripting

Andy Karsky

StakeOut scripting has access to more of StakeOut than ever before! Scripting can help automate and streamline manual processes even further at your utility. In this class, we will explore some more complicated examples using StakeOut scripting, such as SQL queries, Job manipulation, web queries, and scripts that can be called from other scripts. This immersion class is intended for people with a low to mid-range level of scripting knowledge. This class will include hands-on examples, and will be most effective if participants can come prepared with questions.

Audience: Those who have completed the Beginner Scripting Class and have had some scripting experience

Learning Objectives:

- Review basic StakeOut scripting concepts - Access Points, Time2Help, and Delphi scripting language
- Understand the differences in scripting between different StakeOut versions
- Becoming familiar with the latest scripting functions and technologies by working through practical examples

Crystal Reports

Steve Bruggeman

This hands-on session has been created to give users a basic introduction to the reporting capabilities of Crystal Reports on the WorkStudio Database. We will focus on understanding how to set up the database connections, as well as how to use queries in order to understand the data. Users will walk away with several reports that can be used in StakeOut or Vegetation Management.

Audience: Administrators and users that need better reporting capabilities.

Learning Objectives:

- Understand database structures and how to set up connections in Crystal Reports
- Understand the basic querying language
- Create basic reports

Crystal Reports Class Content Detail:

1. Crystal Reports – Topic- “Understanding Crystal Reports”
2. Crystal Reports – Topic- “Understanding your database”
 - a. Tables: work orders, units, customdata, etc.
3. Using SOQuery
4. Creating our first report
 - a. Choose data to report on (ODBC – StakeOut), choose tables, create links, clear links, create a left outer join, and choose the arrangement of fields. Look at the result.
5. Create second report
 - a. Review some of the interfaces
 - b. more complex in CR11 with added high quality features.
6. Collective questions about how to improve this report
7. The standard toolbar
8. Design Tab, Report Header, Report Footer, Details, Drill down, don’t drill down, etc.
9. Formatting: Controlling rulers, grid, adding guides, deleting guides, etc.
10. Change existing field headings, fonts, justification, numeric format, insert a line, special fields (Choose and add three special fields and format them attractively).
11. Simple Query – click on the Select Expert button, set unit report to only one work order. What’s the problem with this?
12. Adding parameters Re-open MyReport1 and save as MyReport, further work to organize this report by staker, where is this data found?
13. Grouping