

Advanced Biotics Training Course Description

Advanced Biotics training is intended for Biotics administrators. The majority of topics covered in this course require administrative functionality and privileges, such as: Oracle administration, creating Oracle views and batch updates, database maintenance, working in Exchanger, creating custom Crystal Reports including subreports, and administrative functions in Mapper. The training includes demonstrations as well as hands-on activities. This course is not intended as a substitution for Core Heritage Methodology training.

Agenda

Day 1

Section	Time	Class	Instructors
	8:45 – 9:00	Arrival, coffee and pastries	
1.	9:00 – 9:30	<ul style="list-style-type: none"> • Introductions • Agenda Review • Overview of Biotics Architecture 	All
2.	9:30 – 11:30	Oracle Administration <ul style="list-style-type: none"> • Basic terminology • DBA Studio walkthrough. • Database maintenance duties • Automating scripts • Third-party database tools (Tora, DB Visualizer) 	Steve Beiting
	11:30 – 1:00	Lunch	
3.	1:00 – 1:45	Biotics Data Model <ul style="list-style-type: none"> • General overview of diagram notation and navigation • Features of the data model • Questions and answers 	Carol Fogelsong
4.	1:45 – 2:30	Administrator's SQL: Queries and Views <ul style="list-style-type: none"> • How to do certain types of queries • How to debug queries • How to create view • Questions and answers 	Carol Fogelsong
	2:30 – 2:45	Break	
5.	2:45 – 4:00	Administrator's SQL : Updates and Functions <ul style="list-style-type: none"> • How to do SQL updates: batch and otherwise • How to use existing functions and how to write your own • Questions and answers 	Carol Fogelsong
	4:00 – 5:00	Clinic Bring your specific questions to this clinic. Support staff will be available to work with small groups or individuals on follow-up from today's sessions, or problems that are plaguing you at home	All

Day 2

Section	Time	Class	Instructors
	8:45 – 9:00	Wake up over coffee and pastries	
6.	9:00 – 10:30	Mapper Administration <ul style="list-style-type: none"> • Creation of Source Features/EOs as it relates to the data model - including recalculating Spatial Attributes - behind the scenes: spatial_attribute table vs. business tables; Update when shape edited check box vs. data storage 	Whitney Weber
	10:30 – 10:45	Break	
6.	10:45 – 12:15	Mapper Administration, continued <ul style="list-style-type: none"> • Interpreting Database integrity checks • Configuring Navigator and Designer for Core Spatial Attributes • Navigator joins for standard attributes • <i>Documentation only: Configuring, Installing and troubleshooting a new client for a new user</i> 	Whitney Weber
	12:15 – 1:15	Lunch	
7.	1:15 – 3:15	Other Mapper Functionality (selected topics) <ul style="list-style-type: none"> • Load EOs from Table – how and when to use this • Link Source Features, Generate EOs • Link and Batch/Match Link for MAs and Sites • Restoring Deleted Features 	Whitney Weber
	3:15 – 3:30	Break	
8.	3:30 – 5:15	Exchanger Tool Training <ul style="list-style-type: none"> • Data exchange overview • Data export, data import, using the tool 	Cameron Scott

Day 3

Section	Time	Class	Instructors
	8:45 – 9:00	Wake up over coffee and pastries	
9.	9:00 – 11:00	Crystal Reports <ul style="list-style-type: none"> • Working list tables in the database: how to find working list ID • Create an EO report with subreports from scratch • Add fields from optional tables • Select Expert and parameter fields • Discuss any specific questions 	Whitney Weber
	11:00 – 11:15	Break	
10.	11:15 – 12:45	Database Maintenance Tasks <ul style="list-style-type: none"> • Biotics Security: users, user groups, and security configuration tasks • Database Housekeeping: patches, logs, management of queries and views, etc. • Questions and answers 	Carol Fogelsong
	12:45 – 2:15	Lunch	
11.	2:15 – 3:30	Building Batch SQL Updates in Mapper	Whitney Weber
	3:30 – 3:45	Presentation	
	3:45 – 4:00	Break	
	4:00 – 5:00	Clinic Bring your specific questions to this clinic. Support staff will be available to work with small groups or individuals on follow-up from today's sessions, or problems that are plaguing you at home	All