MrMonarch

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Monarch Advanced Course Curriculum

Course Description: This two-day (14 hour) class is designed for Monarch users who are quite comfortable with Monarch operations and need and want to expand their knowledge to include more advanced features. Challenge yourself and learn how to deal with situations such as multi-passes, multi-column regions and multiple external lookups and more. Emphasis is also placed on utilizing functions at an even more advanced level. Learn how to find data trends and perform exception reporting. This class also allows time for you to work on your own reports and data mining requirements.

Prerequisite: It is strongly recommended that students have attended the Intermediate course or be very familiar with Monarch and the fundamental processes used to extract data from reports (and further manipulate the data with Monarch's table and summary features). If you have not attended any Datawatch Monarch courses prior to this it is recommended that you speak with the instructor before registering.

Course Topics:
Data Extraction

Handle report inconsistencies such as variable lines and intermittent fields. Process more than one detail level per report.

Utilize the Multi-Column Regions feature to eliminate the problem of reports with side-by-side details.

Learn more tips on using Floating Traps.

Work with dates on an advanced level and learn how Monarch recognizes and interprets dates.

Learn why to avoid the total line when extracting data to prevent "double-counting".

Use Advanced Field Options including "preceding string" and "after last defined field in template" to capture hard to reach fields.

Learn how and why the Page Header Template is different from all other templates and why you should use it.

Learn alternative solutions for when there seems to be no way to avoid trapping unwanted data.

Use the "multi-pass" process to join data from several different reports/locations.

Data Manipulation

Learn how and why to nest Functions and Expressions to produce targeted results. Some functions covered include: FILE, ID, TODAY, SUBSTR, UPPER, LEFT, QTR, IF, WEEKDAY, CTOD, STR, MONTH, RSPLIT, LSPLIT, MOD, LTRIM, and EXTRACT.

Use multiple Run Time parameters that prompt you to enter appropriate data each time a model is activated.

Use Lookup Fields as a simple way to reference a list of pre-existing values.

Learn how to buffer and add leading zeros to the front of a field.

Learn additional uses for the INSTR function.

Learn how to adjust the QTR function to interpret non-standard fiscal quarters.

Create filters that eliminate duplicate table records by using the Duplicate Handling Options.

Data Analysis and Presentation

Effectively combine active table filters with summary window data. Create ad hoc "filters" known as Specified Values.

Use Upper Limit Values to produce an aging report.

Compare records in two reports by utilizing the Count feature to focus only on the differences and then to filter those out.

Use wild cards to control summaries, table filters and calculated fields.

Create exception highlighting in your summary.

Importing and External Lookups

Join data from several outside sources. Learn how several fields can be used to form a unique link.

Exporting and Project Exports

Use Project Exports to export date in several "views" all to the same file.

Learn how to add or replace data in existing files or existing tables.