FILEMAKER MASTER CLASS (EXPERT)

Selected dates and locations Presenter: Ray Cologon, Director of Development, NightWing Enterprises Pty Ltd

SESSION FORMAT:

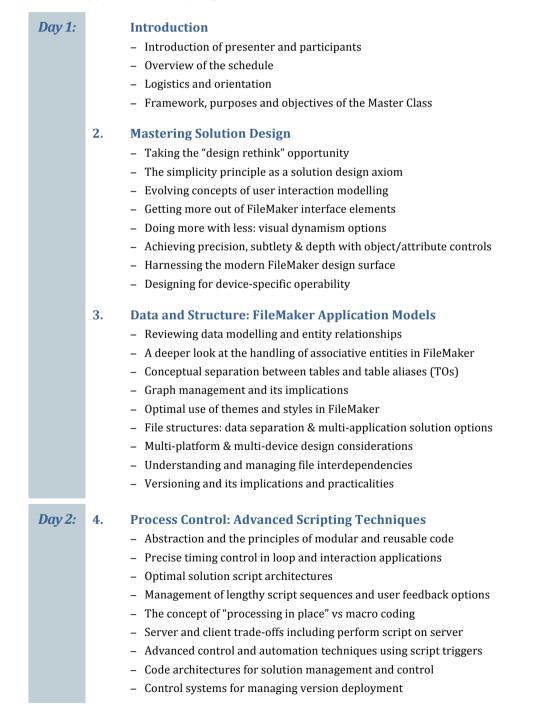
The class will take place over three consecutive days and will comprise six substantive and wideranging topics.

Topics will commence with a presentation and overview of the key points, including or followed by demos as appropriate. Subsequently for each main topic, questions and discussion will be invited, after which a workshop format will be adopted to explore key ideas emerging from the discussion.

Examples and proof-of-concept files will be available to participants, and further examples contributed by participants during the classes will (with permission) also be made available to attendees.

Interaction between participants is encouraged as part of a mutual learning, exploration and professional development process.

Summary/Overview of Topics:



5. Code Logic: The FileMaker Calculation Engine

- Logical dependencies, redundancy & code efficiency
- Logic in the interface layer
- Compound syntax challenges
- Code optimisation and the FileMaker calc engine
- Native calculation power vs extensibility with plug-ins and custom functions
- Examples of alternate code models for complex calculations
- Techniques for controlling calculation dependency

Day 3: 6. Designing for Scalability

- FileMaker development life-cycle overview and options
- Frameworks for design validation and load testing
- Design and development techniques that scale vs those that fail
- Special considerations and optimisations for large-scale solutions
- Understanding the nuances of indices and their implications.
- Understanding FileMaker's caching systems
- Advanced control of referential integrity in FileMaker
- Local-code/remote-data and wan optimisation

7. Advanced Development Techniques & Quality Assurance

- Steps towards optimal handling of code and data
- Value and trade-offs of standards-based development
- Considering a frameworks-based approach
- Effective models for "harmony" with FileMaker
- The anatomy of error fault tracing in FileMaker
- The value of stubs and maquettes in testing and analysis
- Quality assurance in the context of the FileMaker development life-cycle
- Etiology and remediation of database file corruption
- Innovative deployment models for the FileMaker platform
- Custom environments for solution management

8. Conclusion

- Review, Q&A, Discussion
- Feedback, Evaluations and Follow-Up
- Closure