

CHECKLIST FOR PROJECT FILES

CHECKLIST FOR PROJECT FILE:			
Check YES (either manual or auto if standard met)	YES		
Checked by author? By another?	model author	checked in code?	Problem? Limit? Other?.
Group 1: Identification and Description			
1. Model Name			
2. Completed, checked .mod file			
3. Diagrams correct			
4. Reference to Publication describing the model			
5. Purpose defined			
6. Context for the model			
7. Model runs correctly			
Group 2. Project File: Basic Content FIGURES			
1. The chosen model solutions tell some story			
2. The story is around data, figures and parameter sets (All matched)			
3. The figures and their titles fit story			
4. Every figure has axes labeled with symbol, name and units			
5. Figures use Very short tab labels fitting the topic.			
6. Graphs use same colors and line types for same variable in every figure.			
7. Sensitivity functions. How to plot. Why useful. Notes.			
8. Ontology consistent in notation of .mod, Figures and Notes and Par sets			
9. Notation consistent with diagrams in .mod text and on the Website			
10. Parameters sets: Description and rationale for each			
11. Loops: purposes and settings; par set			
12. Optimization re data or other model: descrip, par set, Notes			
Group 3. Verification methods:			
1. Under Notes: Check off list for the model file verification (X re 10in Gp 3)			
2. List variables computed in the MML code that are serving as checks			
3. Commentary on checks or missing checks			
4. Numerical Methods chosen and why. In notes.			
5. Solution times chosen; delta t chosen; comments			
Group 4. Validation methods:			
1. Justify initial and boundary conditions in accord with physiology			
2. List Data provided and fitted by model, and sources.			
3. Show fits of data in Figures, and optimization results			
4. Notes defining contents of each situation, figure or par set			
5. Parameters estimated and evaluated against literature or other			
Group 5: Scientific Results and Conclusions			
1. Summary of the science			
2. References to subsequent publications or alternative models			
3. Website for public commentary and responses			
Revised 20oct09 by JBBassingthwaighte			