

EquiSim V6 Feature List

This is a list of all of the features for version 6 that have been suggested. If you do not see your suggestion on the list, please contact me (it wasn't ignored, I just missed it when compiling the list).

Feature	Comment	Status
All Weather Track Records	In Form View, Available in FV	Done
Indicate AW track in past perf	In Form View, PastPerf AW flag available in FV	Done
AW indicator for upcoming race	In Form View, available as variable in FV	Done
Import Comprehensive Chart Files	For use in Chart Viewer. Also gets race fractions from the charts	Done
Make File Grabber get HTML instance charts that can be used with the Charts Viewer in ES		Done
Add Trainer/Jockey records for meet, year, and last 14 days	Meet and Year displayed on Form View. All three available through FV	Done
BRIS RaceShape for 1 st and 2 nd call	Available in FV	Done
BRIS Avg Class Rating last 3 races for each horse	Available in FV.	Done
Bris Race Rating for a Past Perf	Option displayed in PP line in form view. Available in FV	Done
BRIS Class Rating for a Past Perf	Optionally displayed in PP line in form view. Available in FV	Done
Support for AW tracks in SPAT	Databases should be rebuilt to use this feature. ES will modify existing databases, but prior AW track info will not be present	Done
Profiler Support for AW tracks	AW track is available as a surface filter.	Done
Profiler variables for AW races	Dirt to AW, turf to AW, etc..	Maybe...

Automatic Settings DB repair if Settings DB becomes corrupted		Done
BRIS Par Race Rating for Race (field 212 + 213)	Available in FV: \$rrRaceRatingPar, \$rrClassRatingPar (Pars for races at a given level across all tracks)	Done
Fields 1167-1176: BRIS Speed Par for class level of Past Performance	Available in FV	Done
Field 1375: Bris Back Class of horse	Available in FV	Done
Field 1376: BRIS Back Speed – best speed figure earned by each horse within last year at today’s distance/surface	Available in FV	Done
Field 1377: BRIS Avg Competitive Level	Available in FV	Done
Avg Competitive Level determined from same track surface and distance	Available in FV: hrACLSameRTypeB	Done
Added Min and Max FINISH positions to FV Functions	DEVExt, AVGEExt, MAXExt, MINExt, ADDEExt, MEDEExt	Done
Key Trainer Stats available in FV		Done
Connections Report uses Surface, class, etc.	The connections stats are stored in the database on a cumulative basis. That is, a record consists of a track, cxn name, cxn type, the cxn ability, the ability type, and then the number of occurrences, wins, places, shows, earnings, etc.. This was done to save space in the database. In order to add the ability to query by date range, surface, etc, a record would need to be added for each occurrence of the stat. This isn’t very feasible with 1 gig limits on jet 3.5 databases.	Not Doing
Strip * from connections name (appears if foreign)		Done
Animate the Speed Graph		Maybe
Make FV and Profiler variables available in the Form View	Contemplating a new totally customizable Form View. Lot of work.	Maybe
Support TrackMaster Files	Huge effort here	Maybe
Support CJ Figs Modified BRIS Files		Working On
Add hHIGHESTOF and	This will make it easy to get the “average	DONE – ITERATION 2 –

hLOWESTOF functions to FV	of the best 3" speed figs, median of the lowest 5 fractions, etc..	added CALCON functions
Fix problem with File Grabber "block" link		Done
Can FV use <, >, <> and = instead of the greater, lesser, and equal functions???	Yes, these work. They return the VB Boolean values of 0 for FALSE and -1 for TRUE.	Working On (document)
Pace Line Selection: Optionally have ES never select a "0" speed fig paceline		Investigating
Pace Line Selection: Optional setting to tell ES not to go back more than X pacelines and/or X Days		Investigating
Fix the ThirdAfterLayoff variable		Investigating
Fix SecondAfterClaim variable	When a horse was claimed in both of its last two races, the Profiler and hence FV shows values for both FirstAfterClaim and SecondAfterClaim. Since it is highly unlikely today's trainer would have been the claiming trainer two back, it looks as if a check is needed in the algorithm for SecondAfterClaim to make sure the horse was not claimed in its last race.	Investigating
full copy-and-paste capability among formula views		Investigating/Maybe
Add FV variable to access individual horse comment	Done already – it is \$ppTripNotes	Done (already exists)
Add FV Variable to access converted horse fractions to today's distance	ppConvFractOne, ppConvFractTwo, ppConvFractThree, ppConvFractFinal	Done
AW as a race assignment filter in FV Template Editor		Done, 2 nd iteration
Ability to highlight cells in the FV based on criteria similar to JR's Magic Marker in the Form View		Working On
Capability to use compound variables (e.g. ("ppPaceLate+ppE1",...)) in the FV Functions (AVG, DEV, MIN, MAX, MED)	Very useful, but requires some ugly coding to parse what is already 'auto'parsed.	Maybe

Add User Submitted Sample Formula View Templates to ES Install		Done
Add Days Since Last race as a filter for SPAT	Will require a db adjustment, and I already released the first iteration of V6. So – any other db modifications will require code to figure out what is what in a messy fashion. Keep it for V7.0.	Not Doing, V7 maybe
Database DELETE ALL option	Why not just delete the database and create a new one in this scenario?	Not doing
Add filters for n2l, n3l, n1x, n2x, etc.. in SPAT and elsewhere	Will require a db adjustment, and I already released the first iteration of V6. So – any other db modifications will require code to figure out what is what in a messy fashion. Keep it for V7.0.	Not doing, v7 maybe
Add filters for State Bred in SPAT and elsewhere	Will require a db adjustment, and I already released the first iteration of V6. So – any other db modifications will require code to figure out what is what in a messy fashion. Keep it for V7.0.	Not doing, v7 maybe
Make automated paceline selection customizable		Investigating/Maybe/Highly Desired
Be able to filter out past perfs in the form view based on surface, distance, early pace positions, finishes, etc.		Maybe
Allow for the COMP value generated by the Profiler to be customized (decide what goes into it)		Maybe
Ability to create CUSTOM Profiler values comprised of selectable variables with selectable weightings		Maybe
Add Hot Key to “hide Scratched” option of Form View		Working on
Add “Reset to Primary Selected PP” to Speed Graph Display		Working on
Add Prev Race, Next Race to toolbar	These are hot keyed now as Ctrl B and Ctrl N	Maybe
Make toolbar customizable	Lots of work for not a lot of mileage here	Doubtful
Update FV Master Variable List		Working on
S print dialog		Maybe
Ability to hide columns in FV		Maybe

so that they don't print		
Make FV variable 'intellisense' work better	Not sure how much work it will take to pull this off...	Maybe
Make FV export to CSV optionally include column names		Working On
Show Split Times in Feet Per Second		Maybe, Investigating
Indicate selected pacelines when printed.		Working On
Print "View DB Contents" screen		Working On
Clear Simulation Charts without having to close/re-open a card		Working On
Add Date Range option for opening cards by date		Done
Get Race Fractions from Instant Charts	Gotta parse. Non standard file format. Hmmm	Maybe, Investigating
Allow FV to be opened with no race card loaded		Maybe, Investigating
Add Date Range to FV Template Editor "Race Assignment Filters"		Working On
Add ppHFractOne, ppHFractTwo, and ppHFractThree to FV	Returns the horse's fraction in the race	Done
Create FV variables for the RACE fractions and other CHART information. Add Results or 'chart' Template Type to make use of this.	Depends on being able to parse info from Instant Charts	Maybe
Parse "weather" comment from Instant Charts. Add to Race Make available in FV		Maybe
Get Full sentence comment from Instant Chart. Access via FV		Maybe
Position of Temp Rail available in FV		Maybe, investigating
Check for Jockey Change using Instant Charts. Make changes when card is loaded so the correct info is stored to DB.		Maybe, investigating
Add "Sim & Prof & Comp" query in SPAT		Maybe, investigating

Add "Prof & Comp" query in SPAT		Maybe, investigating
Add "Sim & Comp" query in SPAT		Maybe, investigating
Make Auto-Store options also auto-store Instant Charts		Maybe, investigating
Make Store Race Charts use a date range and Auto-Store the way data cards can be.	Uses Auto Store when races are stored	Done, Document use of AutoStoreCharts flag
Create FV variables that access data stored in the database. (SimulatonFinish for a given race, etc.)	Ties in with adding FV variables to display the fractions of "today's race", etc.	Maybe
Add Start Call Beaten Lengths to FV	ppStartBtnLengths	Done
Add Sealed Track Indicator to FV and Form View	In the FORM view, past perfs on sealed tracks will have a small SUPERSCRIPT s after the Track Condition area in the past performance line (eg, sy ^s). In the FV, the variable is ppSealedB	Done, 6.0.0.10
Have a way to modify text size in FV and Fractions View		Maybe
Make ES 64 Bit compatible	Super huge work to convert to a new DB engine	Maybe
Add IF/Then statements to FV	Would be very powerful for advanced users. Would require a lot of work.	Maybe
Indicate if horse was coupled in a race. Profiler Variable?		Maybe
Indicate MTO and AE horses, In 41		Working On
Hi claiming price for Today's Race	FV	Done, 6.0.0.10
Low claiming price for Today's race	FV	Done, 6.0.0.10
Low claiming Price PP	FV	Working On
Hi Claiming Price PP	FV	Working On
Jockey @ dist/Jockey On Turf record	FV	Working On
Jockey Choice available in FV		Workign On
Race Shape Quirin in FV	\$prRaceShapeNum and \$prRaceShapeS added to FV. See Master Variable List in Users Guide	Done, 6.0.0.10
State Bred to Open in FV		Maybe, investigating
Open to State Bred in FV		Maybe, investigating
# First Time Starts in FV		Done, 6.0.0.10
# layoff horses in FV		Working On

(customizable days since last)		
Pace Pressure Gauge in FV	What's this?	Investigating
Volatility Rating in FV	What's this?	Investigating
Matchups in Previous Races FV	Looks like?	Investigating
Horse Finish Position in Race	Added to Var Master List	Done
Turn on/off "intellisense" variable pop up in FV		Working On
\$ppClaimingPrice added to FV	Claiming price of horse in the past perf	Done
\$ppDirtB	Flag for Dirt race, added to FV	Done
\$ppPTOdds	Post time odds of past perf added to FV	Done
\$ppTripNotes	Chart caller's trip note for the race, added to FV	Done
Make Horse Fractions for past performance available in FV as first, second, third fraction	\$ppHFractOne, \$ppHFractTwo, \$ppHFractThree, \$ppHFinalTime	Done
Load an AW Surface file to determine if a race that went off the turf went to Dirt or AW	AWSurfTracks.ini – can be user modified, one track per line, if tracks changed their surfaces after release.	Done
Lock a template in the FV so it doesn't change between races	The "Race Assignment Filters" in the FV editor allow you to do this. I have added a "Always use" option in the FV Template editor as well	Done, V3
Make average fractions for a race type AS CALCULATED BY THE PROFILER available in the FV	\$AvgFractOne, \$AvgFractTwo, \$AvgFractThree, \$AvgFractFinal	Done
Make "Pace Pressure" index. Make this something that can be queried via DB	Show how well X performance factor (e.g., simulation winner) does when Pace Pressure is at Y	Working On
Make Fractions View use AW Surface as filter		Done
Add the Profiler Export to HTML feature back in		Maybe
Use BRIS Scratch files		Working ON
Add ability to get Jockey Stats from past performances	ES could store today's \$trJockey_ST, \$trJockey_WP, \$trJockey_PP and \$trJockey_SP so that they can be recalled in FV in order to be able to tell at a glance whether today's jockey change is +, -, or =. ES users then would have the ability to compare, for example, \$hrJockey_WP with \$pptrJockey_WP[0] and at a glance be able to determine the nature of the change.	Maybe
Open Race Card from PP line should work with Multicap files		DONE, 2nd
Add ability to edit FV Templates outside of ES, in a		Working on

text editor		
Modify Layoff Levels	Another request would be to incorporate one or more layoff levels and separate 1st timers from short layoffs. Ken Massa published a study showing various layoffs which had 6 stages and it seems very useful. His metrics were 2-10, 11-20, 21-28, 29-65,66-165, >165. I've adjusted the long layoff line on several dbs and you'd be surprised, some trainers are very good with this long layoff.	Maybe
Make FV functions that take 'same surface" parameters aware of All Weather Tracks	0 means don't care if it's the same surface 1 means that the pp has to be on the same surface, but it treats AW surfaces as dirt surfaces 2 means that the pp has to be on the same surface and it recognizes AW surfaces as unique surface types 3 is the same as 1 AND match track condition 4 is the same as 2 AND match track condition	DONE, Second Iteration
1. Option to use DRF speed rating and DRF track variant for simulation chart instead of BRIS Speed ratings.		Maybe
Option to change probable pace input 1st, 2nd, 3rd and final times based on using cells in Form View. for example horses in a six furlong sprint may have actually have run a 21.4, 44.3 and finished 1:09.		Maybe
A way for ES to detect races on Inner Dirt so that AQU (inner) would be treated differently from AQU (main). I know that a separate db can be created but I would rather not.		Maybe
Sire stats for AW		Working On
Track trainer stats for age of horses		Maybe
Ability to differentiate AQU inner and AQU outer		Investigating
Fix hrAvgCompLevel		Done, 2 nd
Add way of specifying the track condition of the current race		DONE, 2 nd –DOCUMENT

before the results file is available		
Add AW Surface as a PACELINE inclusion filter for assigning pacelines in the Formula View		DONE, 2 nd
When a race is taken off the turf manually (in the form view), make sure that it goes to AW track if that's the case		DONE, 2 nd
Add the Profiler HTML Export Feature Back In		Maybe
Add AW Surfaces as a db filter in the More COnfig tab of Profiler Preferences		DONE, 2 nd
Make Profiler computer avg position and btn lengths of race winner		Maybe
Modify Title Bar	<p>if Surface:_____ would also indicate AW or Syn and of greater value to me, that the "generic" Class:_____ (Maiden Claiming, Claiming etc.) be replaced by Multicaps field 11 (ES variable \$rrClassificationS).</p> <p>For example, instead of Class: Claiming...it would read Clm 7500n2l or Clm 5000n2y.</p>	Done, 3 rd iteration
Add option to use "off track" turf races in Sim Wizard	Maybe. Es prob. doesn't know that it used to be a Turf race if it pulled off the track. What about tracks other than frm, does it allow that now?	Investigating
Specify number of races to use to tune, along with number of cards in Sim Tuning Wizard		Maybe
FV Function to populate multiple columns	See Bill's e-mail.	Investigating
Take out date ranges from macros	Should tracks be outside of the macros too?	Working On
Problem printing Selections&Wagers?		Working On/Investigating
Allow Font Size Adjustment in Spread control		Working On
Use 6F call time for 1 1/8 and 1 ¼ routes instead of mile		Investigating
Fix chart viewer in ES – tracks that end with x don't work if using the OLD method of Store Charts by Filename	The new Profiler DB Menu->Auto Store Charts is now the recommended way. When this option is checked, the charts are automatically stored (if they exist) when the corresponding race is stored	Done
Problem storing OSA tracks if "AW surface only" flag is selected		Working On / Investigating

Fix up the get charts screen in File Grabber		Working On
Print Fractions View with Colors		Maybe
#hCOL fnction	See correspondence with John	Done V. 6.0.0.10
Ability to Export/Print Formula Views for EACH RACE in one place to one File	Added File->Export->Formula Views This allows one to export all the formula views, one per race, to one file. The file can be opened in Excel.	Done, 3 rd iteration
race fractions from fields 876 to 985 added as FV Variables (\$ppFract2 & up).		Done, 6.0.0.10