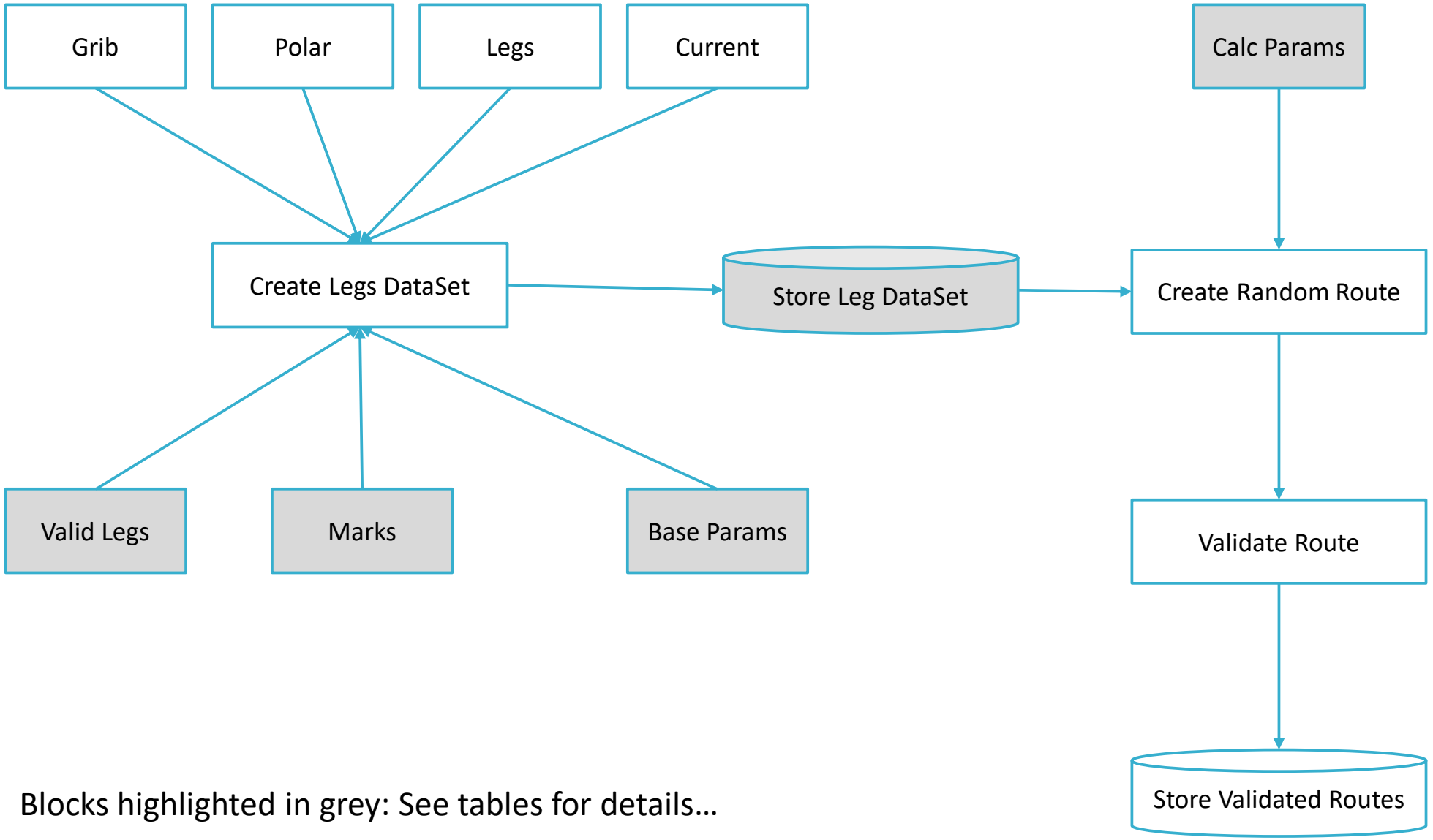

Blocks highlighted in grey: See tables for details…

Marks

Parameter	Type	Description
ID	Int	ID of Mark
Mark_Name	String	Name of Mark
Light_Char	String	Light characteristics of mark
Mark_Lat	Float	Latitude of mark
Mark_Long	Float	Longtitude of mark
Is_Start	Bool	Is this mark a starting point?
Is_Finish	Bool	Is this mark a finish point?

Base Leg dataset

Parameter	Type	Description
ID	Int	ID of leg
Mark_A_ID	ID	ID of mark A
Mark_B_ID	String	ID of mark B
Length	Float	Length of leg in nm
Bearing_A	Float	Magnetic bearing of leg direction A
Bearing_B	Float	Magnetic bearing of leg direction B
Has_Lock	Bool	Does the leg includes a lock?

Calculated Leg dataset

Parameter	Type	Description
ID	Int	ID of leg
Mark_A_ID	ID	ID of mark A
Mark_B_ID	String	ID of mark B
Date_Time	Date_Time	Date and Time of leg
Length	Float	Length of leg in nm
Bearing_A	Float	Magnetic bearing of leg direction A
Bearing_B	Float	Magnetic bearing of leg direction B
TWD	Float	True wind direction of leg at Date_Time
TWS	Float	True wind direction of leg at Date_Time
TWA	Float	True wind angle of leg at Date_Time
AWA	Float	Apparent wind angle of leg at Date_Time
BSP	Float	Boatspeed through water at Date_Time
Cur_Dir	Float	Direction of current at Date_Time
Cur_Speed	Float	Speed of current at Date_Time
SOG	Float	Speed over groud (as VMG) at Date_Time
Tack	String	Tack (BB/SB/beat/downwind) of leg at Date_Time
Has_Lock	Bool	Does the leg includes a lock?
Lock_Compensation	Float	Lock compensation represented in nm
Duration	Float	Duration in seconds at Date_Time
Sailplan_ID	Int	ID of sailplan according to polar

Base Params

Parameter	Type	Description
Start_DateTime	DateTime	Date and Time of start
Duration	Int	Duration of race in seconds
Sim_Interval	Int	Duration of each simulation interval in seconds

Calc Params

Parameter	Type	Description
Free_Start	Bool	Let program determine optimal starting location yes/no?
Allowed_Starts	Array	List of allowed starting locations in case Free_Start=No
Max_Penalty_Time	Int	Maximum allowed penalty time in seconds