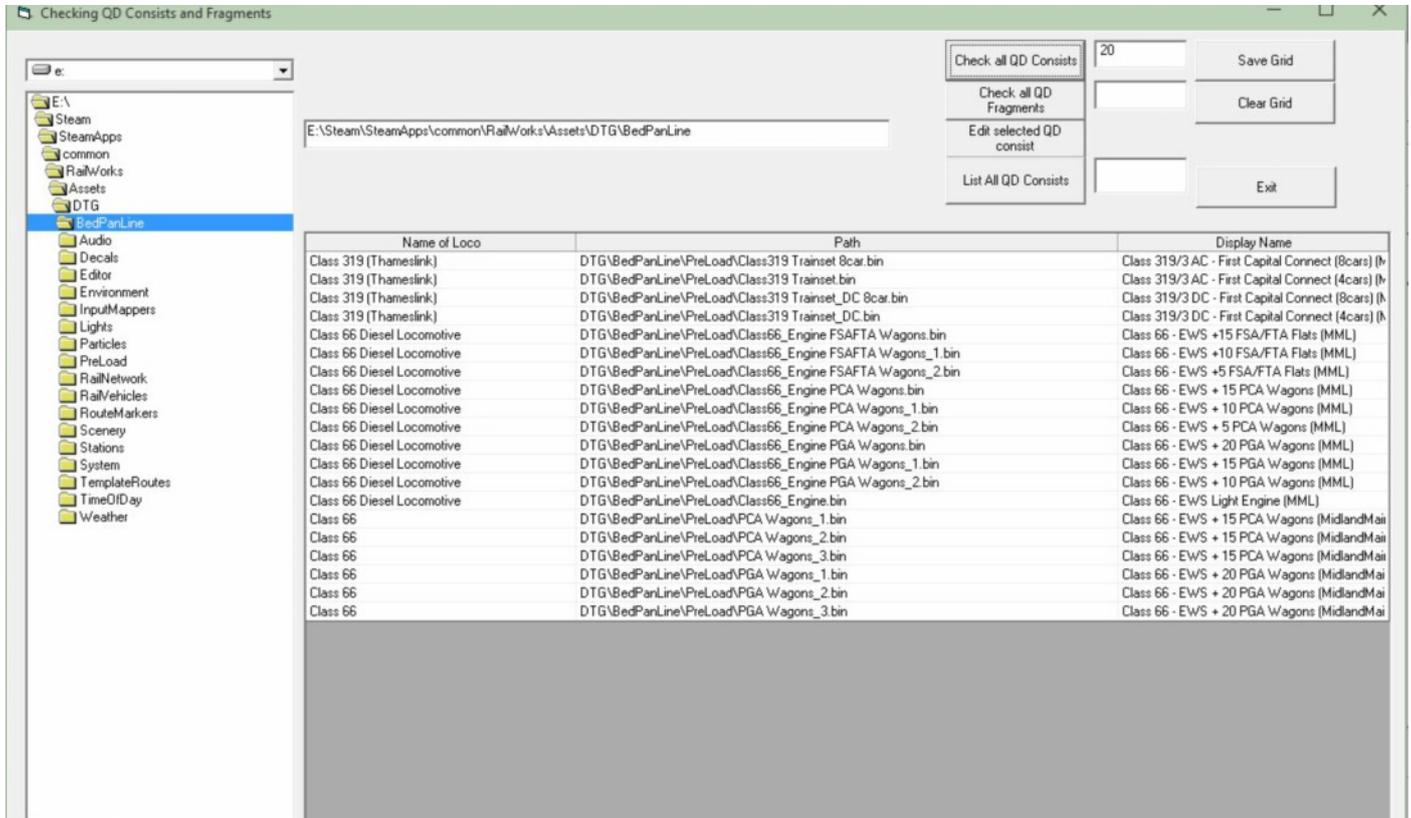


Editing existing QD consist files

For some time, RW_Tools has had an option under 'Route Building Tools' to check QD Consist and QD Fragment files, however apart from opening the files in the main Editor screen, there was no way to edit these files.

The Check QD Consist and QD Fragment file screen has now been modified to allow users to select any QD Consist and to edit it.



QD Consists and Fragments are ALWAYS in a folder named 'PreLoad' as a sub-folder in the Assets folder. Select one of these 'PreLoad' folders and click the 'Check all QD Consists' button and a list of consists will appear (if any of these include rolling stock o you don't have, you will get a separate list of invalid consists).

To edit a consist (or just to see what it contains), click the 'Edit selected QD consist' button and a new screen appears as shown on the following page.

From this screen, you can see which route the consist is valid in. This does not matter for driven consists, you may select any consist you wish when you are driving in a QD scenario, however AI consists which appear in QD scenarios are chosen by TS2015 in accordance with the list of routes they are available for, and in accordance with the Era of the scenario. E.g. if a QD scenario is set for the Era 2000-2020 then no consists from prior eras will appear, even if they are available for the route in question.

It has been noticed that some QD consists appear in the Assets for a certain route, but do not have that route listed in the '<ConsistValidRoutes>' tag for the route in question, this is particularly the case for merged routes which might have spawn points for AI traffic, but unless the HEX code for the merged route appears in the QD Consist file, then nothing will spawn on these routes.

You can carry out any number of operations in the edit form, e.g. adding or removing routes, changing the consist type, era, display name etc. (You should not change the loco name unless it is known to be incorrect, as this is the loco name which appears in the QD Drive menu and must be a valid name). The only answers to 'Drivable' are 'eTrue' or 'eFalse'

Once you have edited all the items you wish to change, click the 'Save' button at which point you can move on to edit a further consist.

Contents of QD Consist: E:\Steam\SteamApps\common\RailWorks\Assets\DTG\BedPanLine\PreLoad\Class66_Engine_PCA_Wagons_1.bin

```
E:\Steam\SteamApps\common\RailWorks\Assets\DTG\BedPanLine\Rail\vehicles\Diesel\Class 66\EWS\emd_66_EWS.bin
E:\Steam\SteamApps\common\RailWorks\Assets\DTG\BedPanLine\PreLoad\PCA_fragment.bin
E:\Steam\SteamApps\common\RailWorks\Assets\DTG\BedPanLine\PreLoad\PCA_fragment.bin
```

Routes Available to this QD Consist as an AI consist.

Hex Address
00000001-0000-0000-0000-000000000000
00000011-0000-0000-0000-000000000000
00000015-0000-0000-0000-000000000000
00000029-0000-0000-0000-000000002014
00000034-a000-0000-0000-000000002012
00000034-d000-0000-0000-000000002014
00000038-0000-0000-0000-000000002013
1278bca0-e7d3-4d5e-a4c4-780dea632ece
888f94a0-027c-4991-ab4f-08ad1dd5072f
ffc02253-25f0-40a6-9759-2c142c8ff56

Installed Routes, click on headers to sort on columns.

Route	Hex Address
Great Western Mainline	00000001-0000-0000-0000-000000000000
Somerset Dorset Joint Railway	00000002-0000-0000-0000-000000000000
East Coast Mainline	00000003-0000-0000-0000-000000000000
Ruhr Sieg Line	00000004-0000-0000-0000-000000000000
Seebergbahn	00000005-0000-0000-0000-000000000000
Castle Rock Railroad	00000006-0000-0000-0000-000000000000
Hedborough North	00000007-0000-0000-0000-000000000000
TestTrak	00000008-0000-0000-0000-000000000000
Project Platform	00000009-0000-0000-0000-000000000000
The Port Road	00000010-0000-0000-0000-000000000000
WGLM North	00000011-0000-0000-0000-000000000000

Remove Selected Route(s) Add Selected Route(s)

Loco Name: Class 66 Diesel Locomotive
 Display Name: Class 66 - EWS + 10 PCA Wagons (MML)
 Era - Start year: 2010
 Era - End Year: 2050
 Drivable Consist: eTrue
 Consist Type: eConsistTypeFreightGravel

Save Exit

Note that the only valid entries for 'Drivable Consist' are 'eTrue' or 'eFalse'.

Another new button has been added to the first screen 'List all QD Consists' - this will bring up a listing of every QD consist in your Assets folder (it takes a while to run, depending on how many routes you have installed). This list can be sorted on any column by clicking the column name as under:-

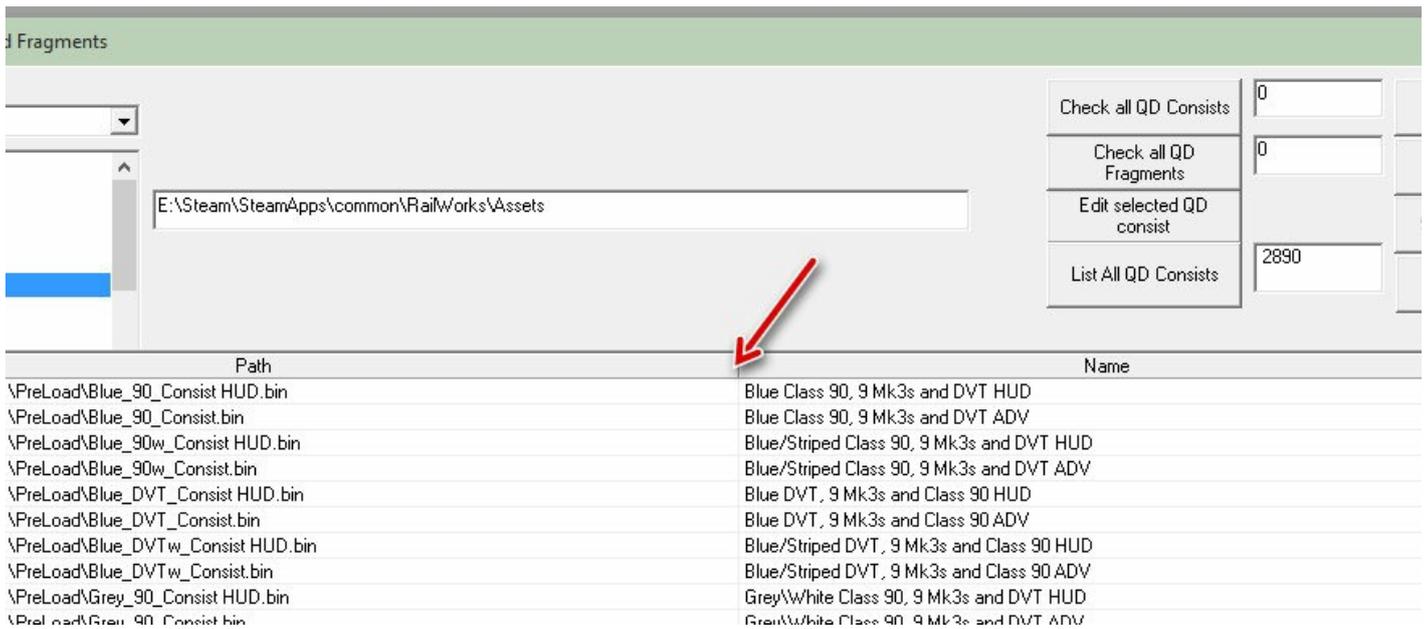
Check all QD Fragments: 0 Clear Grid

Edit selected QD consist: 2066 Save Spreadsheet

List All QD Consists Exit

Path	Name	Description	Start Era	End Era	Drivable	Consist Type	Loco Type	Route 1	Route 2	Route 3	Route 4
GNTX\PreLoad\Train ED44DC Tank.bin	ES44DC - BNSF - 50 Tank	ES44DC - BNSF - 50 Tank	1970	2050	eTrue	eConsistTypeFreigh	Diesel	93aab37f-6c			
GNTX\PreLoad\Train ES44DC Autoracks.bin	ES44DC - BNSF + Autorac	ES44DC - BNSF + Autorac	1970	2050	eTrue	eConsistTypeFreigh	Diesel	93aab37f-6c			
GNTX\PreLoad\Train ES44DC DoubleStack.bin	ES44DC - BNSF + Double!	ES44DC - BNSF + Double!	1970	2050	eTrue	eConsistTypeFreigh	Diesel	93aab37f-6c			
GNTX\PreLoad\Train ES44DC Mixed1.bin	ES44DC BNSF + Mixed Fr	ES44DC BNSF + Mixed Fr	1970	2050	eTrue	eConsistTypeFreigh	Diesel	93aab37f-6c			
GNTX\PreLoad\Train ES44DC Mixed2.bin	ES44DC - BNSF + Mixed F	ES44DC - BNSF + Mixed F	1970	2050	eTrue	eConsistTypeFreigh	Diesel	93aab37f-6c			
GNTX\PreLoad\Train ES44DC Tank C.bin	ES44DC - BNSF + Tank C.	ES44DC - BNSF + Tank C.	1970	2050	eTrue	eConsistTypeFreigh	Diesel	93aab37f-6c			
GNTX\PreLoad\Train ES44DC x 2 Lt bin	ES44DC - BNSF x 2 Light	ES44DC - BNSF x 2 Light	1970	2050	eTrue	eConsistTypeFreigh	Diesel	93aab37f-6c			
GNTX\PreLoad\Train GP38 mixed1.bin	GP38-2 - BNSF Heritage +	GP38-2 - BNSF Heritage +	1970	2050	eTrue	eConsistTypeFreigh	Diesel	93aab37f-6c			
GNTX\PreLoad\Train GP38 mixed2.bin	GP38-2 BNSF Heritage +	GP38-2 BNSF Heritage +	1960	2050	eTrue	eConsistTypeFreigh	Diesel	93aab37f-6c			
GNTX\PreLoad\Train GP38 x 2 Ex-BN Lead.bin	GP38-2 Ex-BN x 2 Light Er	GP38-2 Ex-BN x 2 Light Er	1960	2050	eTrue	eConsistTypeFreigh	Diesel	93aab37f-6c			
GNTX\PreLoad\Train GP38 x 3 Fuzelage.bin	GP38-2 Ex-BN + 3 Boeing	GP38-2 Ex-BN + 3 Boeing	1960	2050	eTrue	eConsistTypeFreigh	Diesel	93aab37f-6c			
GNTX\PreLoad\Train GP38 x 6 woodchip.bin	GP38-2 BNSF Heritage + v	GP38-2 BNSF Heritage + v	1960	2050	eTrue	eConsistTypeFreigh	Diesel	93aab37f-6c			
HRQ\PreLoad\Adia1216_freight.bin	ECA Adia Transport 1216	ECA Adia Transport 1216	2005	2050	eTrue	eConsistTypeFreigh	Electric	00000004-0	00000005-0		
HRQ\PreLoad\DB182-8.bin	ECA DB 182+8x1C coache	ECA DB 182+8x1C coache	2000	2050	eTrue	eConsistTypePasse	Electric	00000004-0	00000005-0		
HRQ\PreLoad\DB182_3P_WLBfreight.bin	ECA DB 182 WLB 3P+Rail	ECA DB 182 WLB 3P+Rail	2000	2050	eTrue	eConsistTypeFreigh	Electric	00000004-0	00000005-0		
HRQ\PreLoad\DB182_Railion-8.bin	ECA DB 182 Railion+8x1C	ECA DB 182 Railion+8x1C	2000	2050	eTrue	eConsistTypePasse	Electric	00000004-0	00000005-0		
HRQ\PreLoad\GT_MAV_freight.bin	ECA ES64U2 Aranycsapat	ECA ES64U2 Aranycsapat	2000	2050	eTrue	eConsistTypeFreigh	Electric	00000004-0	00000005-0	00000035-0	
HRQ\PreLoad\Gysev6xRe.bin	ECA GySEV 470+regional	ECA GySEV 470+regional	2000	2050	eTrue	eConsistTypePasse	Electric	00000004-0	00000005-0		
HRQ\PreLoad\Kinderdorf-8ic.bin	ECA ÖBB 1116 Kinderdorf	ECA ÖBB 1116 Kinderdorf	2000	2050	eTrue	eConsistTypePasse	Electric	00000004-0	00000005-0		
HRQ\PreLoad\list-8Re.bin	ECA GySEV 470 503+6xR	ECA GySEV 470 503+6xR	2000	2050	eTrue	eConsistTypePasse	Electric	00000004-0	00000005-0	00000035-0	
HRQ\PreLoad\MA_Adia1216_freight.bin	MA Adia Transport 1216 +	MA Adia Transport 1216 +	2005	2050	eTrue	eConsistTypeFreigh	Electric	000000035-0			
HRQ\PreLoad\MA_DB182-8.bin	MA DB 182+8x1C coaches	MA DB 182+8x1C coaches	2000	2050	eTrue	eConsistTypePasse	Electric	000000035-0			
HRQ\PreLoad\MA_DB182_3P_WLBfreight.bin	MA DB 182 WLB 3P+Rail	MA DB 182 WLB 3P+Rail	2000	2050	eTrue	eConsistTypeFreigh	Electric	000000035-0			
HRQ\PreLoad\MA_DB182_Railion-8.bin	MA DB 182 Railion+8x1C	MA DB 182 Railion+8x1C	2000	2050	eTrue	eConsistTypePasse	Electric	000000035-0			
HRQ\PreLoad\MA_GT_MAV_freight.bin	MA ES64U2 Aranycsapat +	MA ES64U2 Aranycsapat +	2000	2050	eTrue	eConsistTypeFreigh	Electric	000000035-0			
HRQ\PreLoad\MA_Gysev6xRe.bin	MA GySEV 470+regional	MA GySEV 470+regional	2000	2050	eTrue	eConsistTypePasse	Electric	000000035-0			
HRQ\PreLoad\MA_Kinderdorf-8ic.bin	MA ÖBB 1116 Kinderdorf+	MA ÖBB 1116 Kinderdorf+	2000	2050	eTrue	eConsistTypePasse	Electric	000000035-0			
HRQ\PreLoad\MA_list-8Re.bin	MA GySEV 470 503+6xRe	MA GySEV 470 503+6xRe	2000	2050	eTrue	eConsistTypePasse	Electric	000000035-0			
HRQ\PreLoad\MA_OBB1116-8Re.bin	MA ÖBB 1116+6xRegional	MA ÖBB 1116+6xRegional	2000	2050	eTrue	eConsistTypePasse	Electric	000000035-0			
HRQ\PreLoad\MA_OBB1216_freight.bin	MA 2x ÖBB 1216 + freight	MA 2x ÖBB 1216 + freight	2005	2050	eTrue	eConsistTypeFreigh	Electric	000000035-0			
HRQ\PreLoad\MA_OBB1216_IC bin	MA ÖBB 1216 + 8x1C	MA ÖBB 1216 + 8x1C	2005	2050	eTrue	eConsistTypePasse	Electric	000000035-0			
HRQ\PreLoad\MA_opt_A1_ic bin	MA ÖBB A1+IC	MA ÖBB A1+IC	2000	2050	eTrue	eConsistTypePasse	Electric	000000035-0			
HRQ\PreLoad\MA_opt_audi_freight bin	MA ÖBB Audi+freight	MA ÖBB Audi+freight	2000	2050	eTrue	eConsistTypeFreigh	Electric	000000035-0			

Users can also make the columns the width of their widest entry by clicking on the column separator in the column name bar, or make the column any width by dragging the column separator with the mouse.



The screenshot shows a software interface with a file list and control buttons. The file list has two columns: 'Path' and 'Name'. A red arrow points to the vertical separator between these columns. The control buttons are located in the top right corner and include: 'Check all QD Consists' (value: 0), 'Check all QD Fragments' (value: 0), 'Edit selected QD consist', and 'List All QD Consists' (value: 2890). The file list contains the following entries:

Path	Name
\PreLoad\Blue_90_Consist HUD.bin	Blue Class 90, 9 Mk3s and DVT HUD
\PreLoad\Blue_90_Consist.bin	Blue Class 90, 9 Mk3s and DVT ADV
\PreLoad\Blue_90w_Consist HUD.bin	Blue/Striped Class 90, 9 Mk3s and DVT HUD
\PreLoad\Blue_90w_Consist.bin	Blue/Striped Class 90, 9 Mk3s and DVT ADV
\PreLoad\Blue_DVT_Consist HUD.bin	Blue DVT, 9 Mk3s and Class 90 HUD
\PreLoad\Blue_DVT_Consist.bin	Blue DVT, 9 Mk3s and Class 90 ADV
\PreLoad\Blue_DVTw_Consist HUD.bin	Blue/Striped DVT, 9 Mk3s and Class 90 HUD
\PreLoad\Blue_DVTw_Consist.bin	Blue/Striped DVT, 9 Mk3s and Class 90 ADV
\PreLoad\Grey_90_Consist HUD.bin	Grey\White Class 90, 9 Mk3s and DVT HUD
\PreLoad\Grey_90_Consist.bin	Grey\White Class 90, 9 Mk3s and DVT ADV

The whole spreadsheet can be saved by using the 'Save Spreadsheet' button, it can be saved to Excel (.xls) format or in .csv format.

Please let me know of any problems or other suggestions for improvements.

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