

2016

PCDSG Guide

PCars Dedicated Server Overview

Name: TEST-do-not-connect Track: Brands Hatch GP

Server Status: **Running** Players: 08 / 8 Session: Qualifying Time: 22:13 / 30:00

Event Settings: Practice1: 15 min Qualifying: 30 min Race 1: 5 Laps Race 2: 5 Laps
Practice2: Warm Up: Race 2: #Racers Valid: 1 #Racers Retired: 0 #Racers DNF: 0

Server Info: Session Phase: Green #Racers Disqual: 0 #Racers Retired: 0 #Racers DNF: 0

User Historie:

Name	Steam ID	Added Date - Time	Ping
mkidgin	7656119800773847	26.09.2015 - 17:32:29	10
uklands	76561198056288372	26.09.2015 - 17:30:41	9
USSRukLef	76561198043877118	26.09.2015 - 17:35:19	9
Shamancabi	7656119804242417	26.09.2015 - 17:36:13	9
Euda	7656119804559979	26.09.2015 - 17:36:05	6
Ron Burgundy?	7656119802722596	26.09.2015 - 17:40:12	8
Ayrtun Senne	7656119814379306	26.09.2015 - 17:40:20	9
Allen	7656119804309464	26.09.2015 - 18:03:20	10
BrunoTata	7656119809517861	26.09.2015 - 18:09:13	10
Chapfluv	7656119807801341	26.09.2015 - 18:15:30	10
DeepProof	7656119798733458	26.09.2015 - 19:03:15	10

Server LOG:

Index	Time	Name	Attributes
78	17:36:08	SessionDestroyed	GameReasonId=1 NewStatus=Racing VehicleId=1161219058 StatusIn...
79	17:36:12	SessionCreated	GameReasonId=1 bPlayer=1 VehicleId=1161219058 LiveUpdId=1 Rac...
80	17:36:12	PlayerJoined	SteamId=76561198157789231 NewStatus=Racing VehicleId=1161219058...
81	17:36:12	Authenticated	SteamId=76561198157789231 bPlayer=1 VehicleId=1161219058 Live...
82	17:36:12	StateChanged	SteamId=76561198157789231 NewStatus=Racing VehicleId=1161219058...
83	17:36:16	StateChanged	GameReasonId=1 bPlayer=1 VehicleId=1161219058 LiveUpdId=1 Rac...
85	17:50:47	StateChanged	PracticeLength=15 PracticeLength=0 QualifyLength=30 WarmupL...
86	17:50:47	ParticipantCreated	Name=coogen bPlayer=1 VehicleId=1161219058 LiveUpdId=1 RaceL...
87	18:14:47	Results	RacePosition=1 Lap=0 VehicleId=1161219058 Status=Geared Total...
88	18:15:07	StageChanged	Length=30 Lap=0 VehicleId=1161219058 Status=Geared TotalTime...

Project CARS Dedicated Server - Status

Configuration:

Name: TEST-do-not-connect
Password-protected: yes
Max player count: 8
Uses whitelist: no
Uses blacklist: no

Server:

State: Running/Active
Secure: no

Project CARS Dedicated Server Status: online

PCars D5 User History:

Name	Steam ID	Join Time	Ping
Hicks100	765611979969519909	26.09.2015 - 17:29:14	0
Civo	7656119814351202	26.09.2015 - 17:29:28	107...
SKY w072	76561197993062406	26.09.2015 - 17:28:34	0
wigGo	76561198139493682	26.09.2015 - 17:29:22	0
Supernova	7656119802288994	26.09.2015 - 17:30:37	0
[BGG]HicksChums	76561198042682757	26.09.2015 - 17:30:53	0
mikeigan	7656119800777847	26.09.2015 - 17:32:29	0
uklands	76561198056288372	26.09.2015 - 17:35:01	0
USSRukLef	76561198043877118	26.09.2015 - 17:35:19	0
Shamancabi	7656119804242417	26.09.2015 - 17:36:13	0
Euda	7656119804559979	26.09.2015 - 17:36:05	107...
Ron Burgundy?	7656119802722596	26.09.2015 - 17:40:12	0
Ayrtun Senne	7656119814379306	26.09.2015 - 17:40:20	0
Allen	7656119804309464	26.09.2015 - 18:03:20	0
BrunoTata	7656119809517861	26.09.2015 - 18:09:13	0
Chapfluv	7656119807801341	26.09.2015 - 18:15:30	0
DeepProof	7656119798733458	26.09.2015 - 19:03:15	0

Race Control

Messages:

Send SERVER messages

MSG welcome to server

MSG email address

MSG problems

MSG admin makes a track

Server Rules:

- ☒ Automatic kick parking cars
- ☒ Kick new Blacklisted users
- ☒ Parallel track cut
- ☒ Parallel report accidents
- ☒ Activate Points System
- ☒ Active Ping Limit: 110
- ☒ Activate admin commands

Server / Game Control:

R/J CTR

Brands Hatch GP

Training 1 1 Minute

Qualifying 1 1 Minute

WarmUp 1 1 Minute

Race 1 6 1 Minute

Race 2 0 1 Minute

Server Penalties / Punishment:

WRRN F 60 PP

KICK F 90 PP

KICK Driver

BAN 10min Driver

BAN 24h Driver

BAN 10min Driver

BAN 24h Driver

Set Attr

Set Set

ADMIN COMMANDS:

Admin can enter commands into the Chat to control some functions / settings of PCDSG while in the game.

The Actions that will take place are predefined:

- Admin_MSG_1: Write _AM1=name to Kick User "name"
Replace "name" with the name of the user you want to Kick.
- Admin_MSG_2: Write _AM2=name to Ban User "name"
Replace "name" with the name of the user you want to Ban for 24 hours.
- Admin_MSG_3: Write _AM3 for Automatic Kick parking cars on/off
- Admin_MSG_4: Write _AM4 for Penalty Limit Kick on/off
- Admin_MSG_5: Write _AM5 for Ping Limit Kick on/off

PCars D5 TrackMap

Name: PCDSG_QandR_RaceControl Track: Donington Park National

Server Status: **Running** Players: 10 / 15 Session: Race1 Time: Race - 5 laps

Event Settings: Practice1: 20 min Qualifying: 20 min Race 1: 5 laps Race 2: 5 laps
Practice2: Warm Up: Race 2: #Racers Valid: 10 #Racers Retired: 0 #Racers DNF: 0

Server Info: Session Phase: Green #Racers Disqual: 0 #Racers Retired: 0 #Racers DNF: 0

TrackMap:

Pos.	Name	Car	Fastest Lap	Last Lap	Pers. Best	In LAP	In Sector	Sector 1	Sector 2	Sector 3	State	PS	EP	PP	TC	IP	Speed
1	Black_Gold_Saw	Ruf RGT-8 GT3...	00:01:892	00:01:892	3	1	00:22:469	00:09:620	00:11:999	Racing	1	32027	22	3	1	132	
2	[CURRY]Berat	Ruf RGT-8 GT3...	00:05:310	00:05:310	3	1	00:23:459	00:05:038	00:12:459	Racing	-28	14	1	1	210		
3	PorscheVadeT3	Ruf RGT-8 GT3...	00:05:109	00:05:109	3	1	00:23:047	00:03:424	00:12:269	Racing	31996	28	2	2	209		
4	FuchsKornen	Ruf RGT-8 GT3...	00:07:875	00:07:875	3	1	00:23:751	00:05:027	00:13:675	Racing	32013	40	5	2	176		
5	Geis	Ruf RGT-8 GT3...	00:07:940	00:07:940	3	3	00:24:646	00:30:111	00:12:971	Racing	32018	28	2	2	171		
6	EVER	Ruf RGT-8 GT3...	00:10:637	00:10:637	3	3	00:23:662	00:34:622	00:12:859	Racing	32104	10	1	1	171		
7	Kali-Bello	Ruf RGT-8 GT3...	00:07:143	00:07:143	3	3	00:21:047	00:30:442	00:13:038	Racing	32002	24	1	2	147		
8	WANDERMartin	Ruf RGT-8 GT3...	00:06:091	00:06:091	3	3	00:17:552	00:20:755	00:13:446	Racing	32111	20	2	2	238		
9	hendes	Ruf RGT-8 GT3...	00:08:139	00:08:139	3	3	00:17:093	00:30:045	00:12:876	Racing	31236	36	4	2	184		
10	koloschatel	Ruf RGT-8 GT3...	00:13:303	00:13:303	3	3	00:06:476	00:33:224	00:15:378	Racing	32122	42	3	3	62		

TrackMap:

Scale: Pos. X: Pos. Y: 70 500 444

Track Scale Values loaded for Track: Donington Park National

Timestamp: 09.11.2016 - 19:01:37

cogent
PCDSG [1.3]
19.11.2016

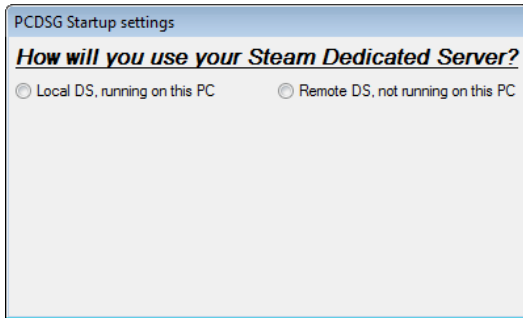
PCDSG Guide

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0 - FIRST START – PCDSG STARTUP GUIDE:

1. Choose the method you use for the Steam Dedicated Server APP.



Local DS means:

You run PCDSG on the same system or in the same network like the DS.

Remote DS means:

You run PCDSG on a PC that is not directly connected to the network where the DS is running.

2. Follow the next steps for “local” or “remote” mode. DS Public IP and API Port is needed for “remote” mode.
3. Complete StartUp settings by using the Button that appears after all steps are done.



4. Use PCDSG, it restarts automatically after StartUp settings are done.
This StartUp dialog pop up when starting PCDSG for the first time.
To show it again activate the Checkbox ‘Start “local / remote mode” guide next start’ in PCDSG settings and restart PCDSG. It will show the **PCDSG STARTUP GUIDE** again on the next start.

Remote Mode:

Everything that works in “local mode” should also work in “remote mode”.

Exception is all what needs to be written to the server.cfg, Blacklist.cfg or Whitelist.cfg File.

These Files will be written and changed but you need to upload it manually to your remote DS Server or use the FTP Upload.

Remote Mode uses the Public IP to access DS HTTP API. It's not completely tested and I don't have the possibilities (access to a remote DS) to test or for developing.

Troubleshooting

1. Use it on the same System/Network where the Pcars DS is running for best results
2. Be sure the settings in your server.cfg let PCDSG connect to the DS HTTP API.
3. PCDSG GUI can be closed at any time, the File „StartPCarsDS.exe“ continues running in the background.
4. If DS is already running then you can also start the File „StartPCarsDS.exe“ in system folder manually without the main GUI.
5. You can restart or close „StartPCarsDS “ Window by using the Butons if it hangs
6. On startup PCDSG detects your local or public IP depending on settings, writes it to the server.cfg File for whitelist and access to the DS API.

HTTP API access settings in your server.cfg File are important, PCDSG needs access to the API to work correctly.

If it does not connect to the DS search and edit the following lines in the server.cfg. Settings for IP detection can be set in PCDSG settings GUI.

This needs to be done manually by yourself:

```
// Http API access level overrides.
// Each HTTP API endpoint defines its default access level, usually one of "public", "private" or "admin".
// This map can override these levels to anything else. The keys are wildcard endpoint paths, and the values are the
// access levels to use. The first path that matches will be used, processing them in the order as written here.
// The wildcard patterns are case-sensitive and can contain:
// - '*': matches 0 or more characters
// - '%': matches 0 or more characters except for forward slash
// - '?': matches 1 character
httpApiAccessLevels : {
// The default is empty, using defaults as defined by the endpoints themselves.

// But you could for example use this to change all access levels to public (not recommended!)
"*" : "public"

// Or this to hide the status from public
// "" : "private"
// "status" : "public"

// And similar to hide the help and lists from public
// "api/help" : "public"
// "api/list*" : "public"

// As you can see from the example above, the paths should be written with no initial or trailing slashes.
}
```

This is done by PCDSG GUI (if you use it). If you don't use the GUI it needs to be done manually by yourself:

```
// Public rules. The default is to accept everything.
"public" : [
  { "type" : "accept" }
],

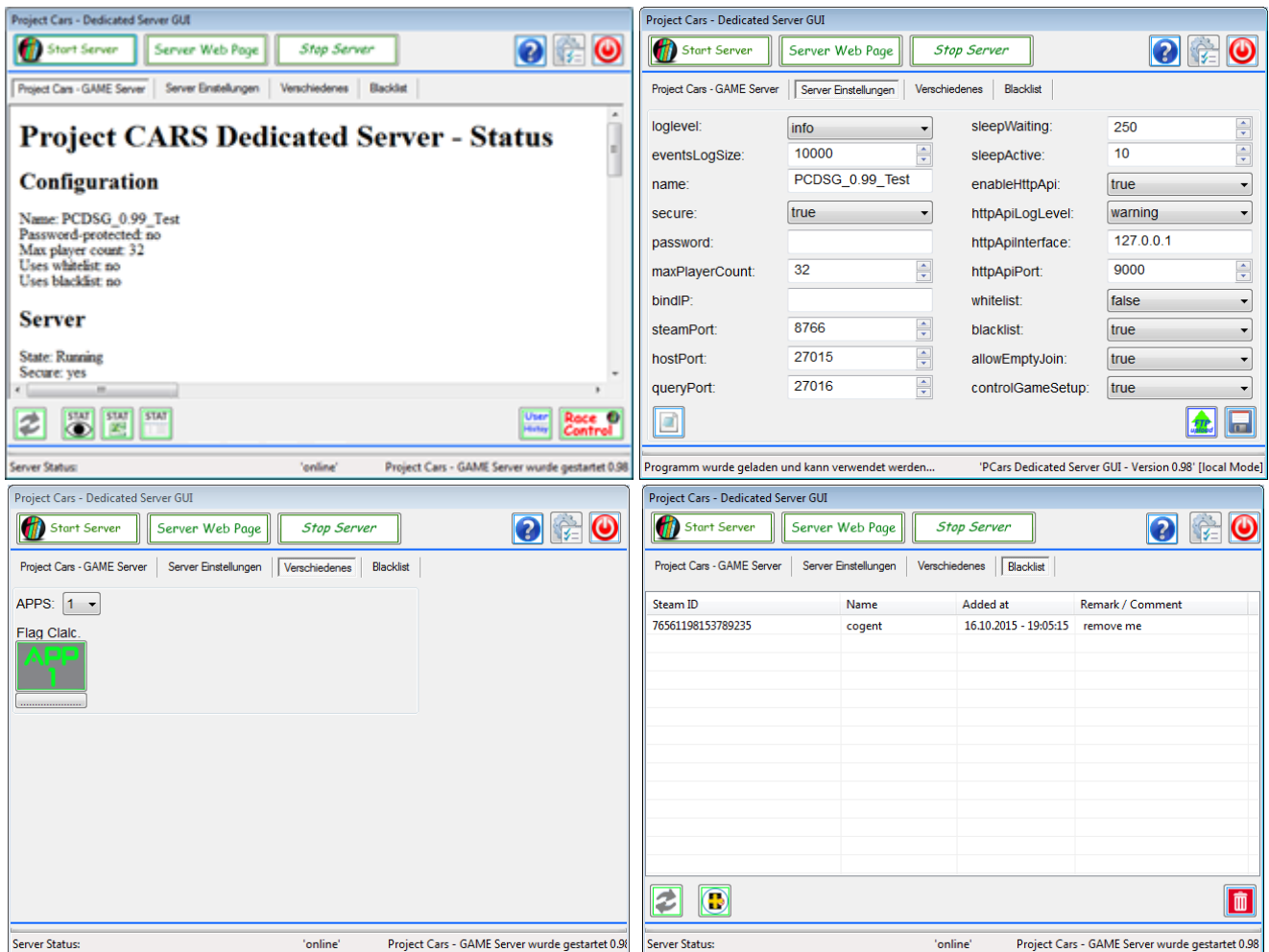
// Private rules. The default is to accept queries from localhost, queries authenticated as users in the "private"
// and to reject anything else.
"private" : [
  { "type" : "ip-accept", "ip" : "192.168.1.111/32" },
  { "type" : "group", "group" : "private" },
  { "type" : "accept" }
],

// Admin rules. The default is to accept queries from localhost, queries authenticated as users in the "admin" group
// and to reject anything else.
"admin" : [
  { "type" : "ip-accept", "ip" : "192.168.1.111/32" },
  { "type" : "group", "group" : "admin" },
  { "type" : "accept" }
],
}
```

On startup it detects your local or public IP depending on settings, writes it to the server.cfg File for whitelist and access to the DS API.

1 - PCDSG – WINDOWS & FUNCTIONS:

1.1 - PCDSG - MAIN:



TAB 1 – Project Cars – Game Server:



1. Start or Connect to DS Server

Different action depending which mode (local or remote DS) is activated.

2. Opens Web Page

Opens [PCDSGwiki WebPage](#) with standard Internet Explorer.

Web Page Address that is used can be set in config.ini, section [Einstellungen], key "WebPage="

3. Close / Stop DS Connection

This Button should be used to stop the DS Server or close the connection. This will avoid errors and issues on next start. Use it also if a message pop ups saying that the server is already running.

4. Info – Opens PCDSG Guide

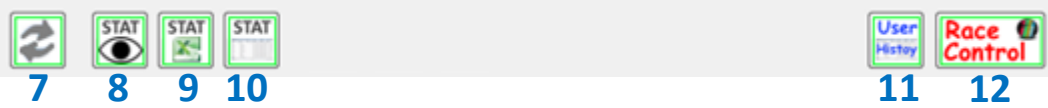
Opens "PCDSG Guide.pdf" (or online PDF if the File is missing) in PCDSG folder with some explanations.

5. Settings – Opens PCDSG Settings Window

Opens Program settings Window where different options can be changed.

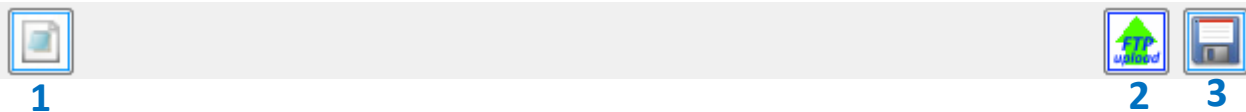
6. Exit PCDSG – Closes / Stops DS Connection and closes all PCDSG Windows

Use this Button every time you want to exit PCDSG. This will avoid errors and issues on next start.



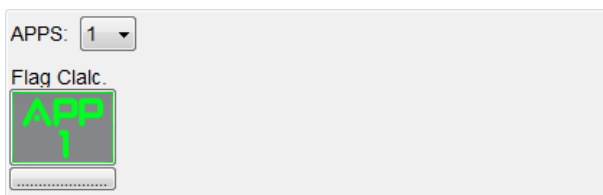
7. Updates DS Server Status Page inside PCDSG Window
8. Opens DS Server Status Page with Standard Internet Explorer
9. Saves DS Server Status Page as XLS File and open it in MS Excel
10. Opens PCarsDSOverView Window
11. Opens User History Window
12. Opens Race Control Window

TAB 2 – Server Settings:



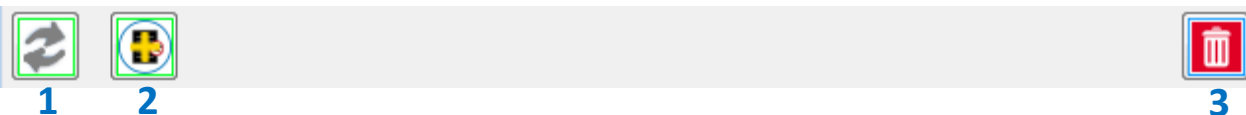
1. Opens server.cfg from dedicated server path with text editor
2. Uploads server.cfg file from dedicated server path to FTP CFG folder
3. Saves settings to server.cfg File in dedicated server folder

TAB 3 – Miscellaneous:



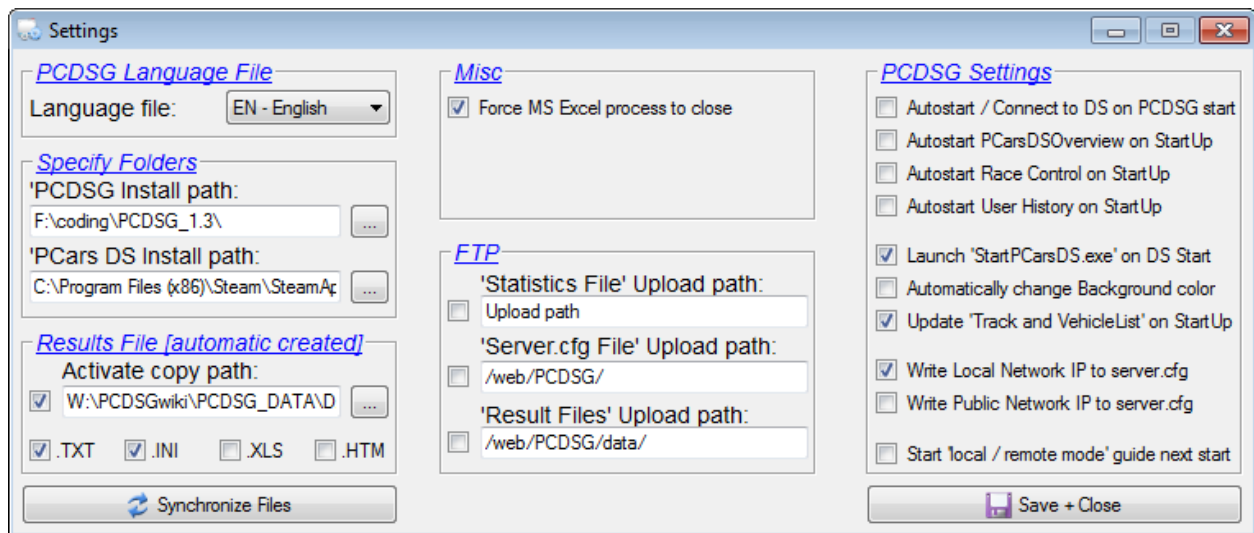
1. APP 1 – Select up to 5 APPS, choose path to start APP with APP1 Button
Buttons are hidden on first start, select number of Apps after first start to see the first Button.

TAB 4 – Blacklist or Whitelist:



1. Update Blacklist (or Whitelist if selected)
2. Add user to the Blacklist (or Whitelist if selected)
3. Delete selected user from the Blacklist (or Whitelist if selected)

1.2 - SETTINGS:



PCDSG Language File:

- Change the language file, German, English and French are available.

Specify Folders:

- PCDSG Install path is the path where PCDSG is installed and in use.
- PCars DS Install path is the path where you have installed your Project Cars Dedicated Server.

Results File [automatic created]:

- Activate copy path Checkbox enables the creation of a copy of all Results and Statistic Files. Write or choose the path where these copies will be created, for example a folder on Web Server or something like that. It's the path where PCDSG copies all important Files generated by PCDSG with Info's about the DS, running Session, users, Points and so on. These Files can be used to Display the various Information's on a web page or to share it.

[Example Web Page with PCDSG DS Server Infos](#) - (Using [AutoIndex PHP Script](#))

- Choose the File Extension for the Result File. Results are saved at the end of each session/event in "...\\PCDSG\\data\\Results\\" folder (default) and if selected in the 'copy' folder.

Misc:

- Force MS Excel process to close. Use this to avoid problems with .xls or .htm Results creation function.

FTP: (currently not working correctly in 1.3, needs to be updated)

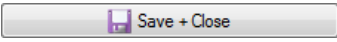
- Statistics Files Upload path is the FTP folder for the various Statistics Files saved by PCDSG
- Server.cfg File Upload path is the FTP folder for the DS Server.cfg File
- Results File Upload path is the FTP folder the Results Files created by PCDSG

PCDSG Settings:

- Various Autostart settings
- Write Local IP to server.cfg can be enabled or disabled, PCDSG needs access to the DS HTTP API.
- Write Public IP to server.cfg can be enabled or disabled, PCDSG needs access to the DS HTTP API.
- Start Local/Remote Mode guide on next start can be activated, if this is/was selected then PCDSG shows the StartUp Guide on next start. This can be useful if you want to switch from local mode to remote mode and to have access to a DS Server that is not running in the same network using his Public IP.

Buttons:

Use  to copy all Results from "...\\PCDSG\\data\\Results\\" folder to the 'copy' folder.

Use  to save all settings. (Most settings like Checkboxes are saved on use and don't need the Button)

1.3 - PCARSDSOVERVIEW:

PCars: Dedicated Server Overview

Name: PCDSG1.1_Sqlite_TEST Track: Donington Park National

Server Status
State: Running Players: 08 / 32 Session: Race1 Time:

Event Settings
Practice1: Qualifying: 20 min Race 1: 5 Laps
Practice2: Warm Up: Race 2:

Server Infos
Session Phase: Green #Racers Disqual.: 0 #Racers DNF: 0
#Racers Valid: 8 #Racers Retired: 0 #Racers Finished: 0

Name	SPos.	Wagen	Pos.	LAP	In Sektor	Sektor 1	Sektor 2	Sektor 3	Letzte Runde	Schnellste Runde	Status	PS	PP	EP
[DeadPool]	5	McLaren F1	1	2	1	00:24.525	00:10.236	00:12.729	01:12.029	01:12.029	Racing			
adampetts1	14	BAC Mono	2	2	1	00:24.725	00:09.033	00:12.943	01:13.028	01:13.028	Racing		4	4879
vil		McLaren F1	3	2	1	00:25.971	00:00.835	00:13.765	01:19.979	01:19.979	Racing			3210
sa		R8 V10 plus	4	2	3	00:22.156	00:34.927	00:13.431	01:24.616	01:24.616	Racing		20	1601
Da		RGT-8	5	2	3	00:20.421	00:33.779	00:15.388	01:26.360		Racing		16	798
Ni		Atom 300 Superc...	6	2	3	00:17.027	00:36.343	00:14.456	01:29.752	01:29.752	Racing		28	1551
pu			7	2	3	00:15.767	00:34.083	00:17.434	01:31.015		Racing		42	804
Ja			8	2	3	00:10.044	00:34.400	00:14.479	01:36.736		Racing			

Right Click menu

- Steam Profil öffnen
- Infos zum Fahrer anzeigen
- KICK
- BAN [10 Minuten]
- BAN [1 Stunde]
- BAN [24 Stunden]
- BAN [48 Stunden]

Current Session Results List View

User History

Name	Steam ID	Added 'Date - Time'	Ping
adampetts1	76561198176538106	21.07.2016 - 22:28:11	
SimousQC	76561197970626606	21.07.2016 - 22:28:23	
ManRay	7656119102437197	21.07.2016 - 22:28:08	
[Dead]pool	7656119198879150	21.07.2016 - 22:29:11	
NikoSch	76561197968872502	21.07.2016 - 22:31:36	
Dan Ferguson	7656119813821053	21.07.2016 - 22:32:51	
Jaf [Wales]	76561197965818041	21.07.2016 - 22:33:48	
puchu77	76561198211212093	21.07.2016 - 22:34:40	
vikaftw	76561198078152147	21.07.2016 - 22:35:16	
lengacher.stefan2398	76561198164549533	21.07.2016 - 22:35:52	
sa.II.a	76561198048970195	21.07.2016 - 22:36:06	

Server LOG

Index	Time	Name	Attributes
883	22:42:54	ServerChat	Lap=0 Sector=0 SectorTime=13765 TotalTime=79987 CountThisLap...
884	22:42:54	ServerChat	Lap=0 LapTime=79981 Sector1Time=32612 Sector2Time=33603 Sec...
885	22:42:54	ServerChat	ElapsedTime=1941 SkippedTime=1883 PlaceGain=1 PenaltyValue=2...
886	22:42:55	Sector	Lap=0 Sector=0 SectorTime=14479 TotalTime=96748 CountThisLap...
887	22:42:56	Lap	Lap=0 LapTime=96742 Sector1Time=47862 Sector2Time=34400 Sec...
888	22:42:57	Sector	Lap=1 Sector=0 SectorTime=24525 TotalTime=96556 CountThisLap...
889	22:42:58	Sector	Lap=1 Sector=1 SectorTime=24723 TotalTime=97759 CountThisLap...
890	22:42:58	ServerChat	Lap=0 Sector=0 SectorTime=14479 TotalTime=96748 CountThisLap...
891	22:42:58	ServerChat	Lap=0 LapTime=96742 Sector1Time=47862 Sector2Time=34400 Sec...
892	22:42:58	ServerChat	Lap=1 Sector=1 SectorTime=24525 TotalTime=96556 CountThisLap...
893	22:42:58	ServerChat	Lap=1 Sector=1 SectorTime=24525 TotalTime=96556 CountThisLap...

User History List View

Server LOG Events List View

Update ALL

6

Update Server Data Update Participant Data Update User History Data Update LOG Data

Save ALL Data Window Update

PCDSG1.1_Sqlite_TEST Running Timestamp: 21.07.2016 - 22:42:42

PCARSDSOVERVIEW GUI WINDOW:

This GUI Window shows various Information's generated or saved from PCDSG. It is divided in three sections with List Views displaying the data.

The "Current Session Results List View" includes an mouse right click menu with Info's, Kick and Ban options for the player that was selected in the List View.

Every List View has some Buttons with functions or options, description for them will show up/pop up if the Button is highlighted with the mouse pointer.

1.4 - TRACKMAP:

PCars: DS TrackMap

Name: PCDSG_QandR_RaceControl Track: Donington Park National

Server Status
State: Running Players: 10 / 15 Session: Race1 Time: Race - 5 laps

Event Settings
Practice1: Qualifying: 20 min Race 1: 5 laps
Practice2: Warm Up: Race 2:

Server Infos
Session Phase: Green #Racers Disqual.: 0 #Racers DNF: 0
#Racers Valid: 10 #Racers Retired: 0 #Racers Finished: 0

Pos.	Name	Car	Fastest Lap	Last Lap	Pers. Best	In LAP	In Sector	Sector 1	Sector 2	Sector 3	State	PS	EP	PP	TC	IP	Speed
1	Black_Gold_Saw	Ruf RGT-8 GT3...	01:03.892	01:03.892		3	1	00:22.469	00:09.620	00:11.999	Racing	1	32027	22	3	1	132
2	[CURRY]Berla!!!	Ruf RGT-8 GT3...	01:05.310	01:05.310		3	1	00:23.459	00:05.038	00:12.459	Racing	-28	14	1	1	210	
3	PorscheDudeGT3	Ruf RGT-8 GT3...	01:05.109	01:05.109		3	1	00:23.047	00:03.424	00:12.260	Racing		31996	28	2	2	209
4	fuchskomm	Ruf RGT-8 GT3...	01:07.873	01:07.873		3	1	00:23.731	00:00.927	00:13.675	Racing		32011	40	5	2	178
5	Geisi	Ruf RGT-8 GT3...	01:07.940	01:07.940		3	3	00:24.646	00:30.111	00:12.971	Racing		32018	28	2	2	171
6	EVER	Ruf RGT-8 GT3...	01:10.637	01:10.637		3	3	00:23.662	00:34.622	00:12.859	Racing		32104	10		1	171
7	KelloBello	Ruf RGT-8 GT3...	01:07.143	01:07.143		3	3	00:21.047	00:30.442	00:13.058	Racing		32002	24	1	2	147
8	WMMDRMartin	Ruf RGT-8 GT3...	01:06.931	01:06.931		3	3	00:17.552	00:29.755	00:13.448	Racing		31211	20		2	228
9	hendos	Ruf RGT-8 GT3...	01:08.139	01:08.139		3	3	00:12.691	00:30.045	00:12.676	Racing		31226	36	4	2	194
10	kolosazhatel	Ruf RGT-8 GT3...	01:15.303	01:15.303		3	3	00:06.476	00:33.224	00:15.178	Racing		31222	42	3	3	62

TrackMap
☐ Show Position Dot
☐ Show Track Map
 Scale: Pos. X: Pos. Y:
 70 640 445

List/View
☒ Show max. 10 entries
☒ Show colored text

TrackMapReplay

Mode
☒ Live TrackMap
☐ TrackMap Replay [Offline]

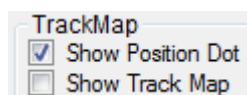
Window
☐ Windows always on top

Track Scale Values loaded for Track: Donington Park National Timestamp: 09.11.2016 - 19:01:37

PCARS: DS TRACKMAP:

This Window shows the Track and the current position of the drivers in position 1 to 10. On Start it checks automatically the current Track and tries to load the Scale settings for the Track from "...\\system\\TrackMap\\TrackMap.ini" in PCDSG folder. If there are no values then it loads the last values and if they don't match they can be changed using the Up/Down Buttons for scale, X and Y position.

Settings:



Show Position Shadow:

Shows a gray point for each position. With the time it has drawn the whole Track.

Show Track Map:

Shows the Map in the Background if found in "...\\system\\gfx\\TrackMap\\Tracks\\" inside PCDSG folder.



Scale: Set the Scale/Zoom of the Track and positions from 1 (small) to 99 (big)

Pos. X: Set the position of the Track (X axis) from 1 (left) to 999 (right)

Pos. Y: Set the position of the Track (Y axis) from 1 (up) to 999 (down)

Save Track Scale: Saves current settings to "...\\system\\TrackMap\\TrackMap.ini"

Delete Track Scale: Deletes current settings in "...\\system\\TrackMap\\TrackMap.ini"

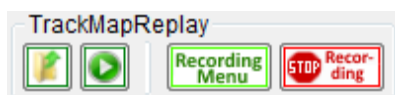
ListView

☒ Show max. 10 entries

☒ Show colored text

Show max. 10 entries: Limits the number of drivers showed in the List View

Show colored Text: Add colors to the List View for each driver



TrackMapReplay Buttons:



Open new Replay File. Use Start Replay Button to play it.



Start Playing the Replay and opens Play Menu Window. It plays the last recorded Replay or the last chosen / opened Replay (Open Button).



Opens Recording Menu Window which is need to start the recording process.



Stops Recording. Recording process running in Recording Menu Window needs to be stopped using this Button.

Recording Menu Window

PCDSG TrackMap Replay

Start Replay Recording

Status:

PCars DS Server Status: **Running**

TrackMap Replay Status: **Recording**

Session Stage: **Race1**

Number of Records: **71** [Start: 18:59 End:]

☒ Save File after end of Replay

☒ Save Log File with Replay

Save **Exit | Close**

Running - Recording stopped Timestamp: 09.11.2016 - 18:58:59

Play Menu Window

PCDSG TrackMap Replay - Play Menu

Stop Playing Replay

Replay Info:

Track Name: **Circuit de**

Session Stage: **Race1**

Number of Participants: **9**

Number of Records: **396** [Start: End:]

Replay - Time speed: **2**

Save Results from Replay **Exit | Close**

OFFLINE - Replay startet Timestamp: 12.11.2016 - 15:47:19

The Window shows some Information's about current running DS Session, provides some Status Information's about the recording or Play process and include some options for recording or playback.

Mode

☐ Live TrackMap

☒ TrackMap Replay [Offline]

Mode:

Live TrackMap: If activated then the Track Map Window will use "Live" Data from the current running DS Session.

TrackMap Replay [Offline]: If activated then the Track Map Window will only use Replay Data from saved Results Files.

Window

☐ Windows always on top

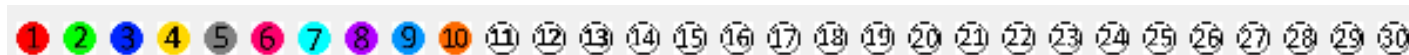
Windows always on top:

If activated then the Track Map Window will always be on the Top of all Windows.

Visualization:

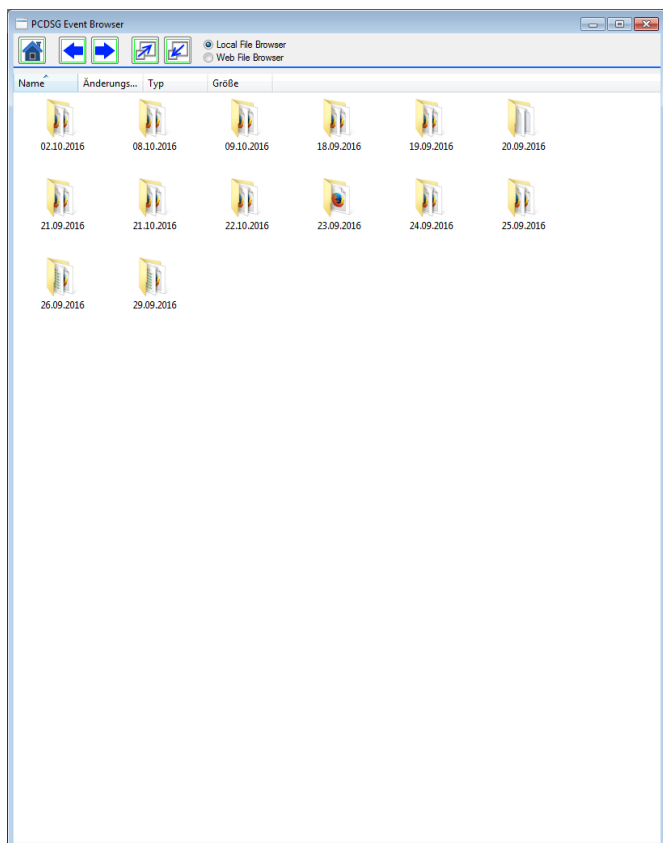
In Live TrackMap Mode the Numbers represent the current Race Position of the Driver.

In TrackMap Replay [Offline]: Mode the Numbers represent the Members ID of the Driver.



1.5 – PCDSG EVENT BROWSER:

Local Browser



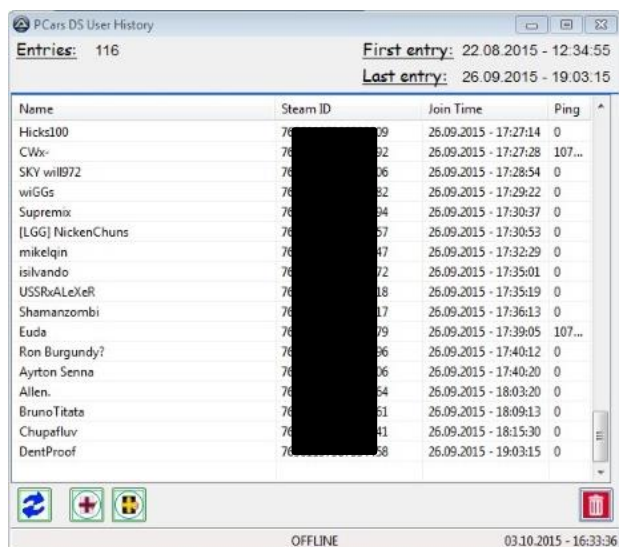
Web Browser



The Event Browser can be used to show and browse all Results saved in “...\data\Results\” folder inside PCDSG folder. This folder is the default folder where all Results are saved if it is activated in settings menu. It uses two modes to show the data. First one is “Local File Browser” (left picture), this one is default and can be used by everyone. The second is “Web File Browser” (right picture), this can only be used together with “[AutoIndex PHP Script](#)”. [AutoIndex PHP Script](#) is easy to setup and can be used to show the data for all on a web Server. / Homepage.

Example: [PCDSG DATA using AutoIndex PHP Script](#)

1.6 - USER HISTORY:



This Window shows all the users that joined to your server.

It is possible to add users from this list to the Blacklist or Whitelist.

1.7 - RACE CONTROL:

Race Control does not save the Server / Game Control settings to the server.cfg File.

It only sends Attributes using HTTP API DS access and only in the lobby.

The screenshot shows the 'Race Control' window with the following sections:

- Messages:** Buttons for 'Send SERVER message', 'Send PRIVATE message', 'MSG welcome to Server', 'MSG EMail address', 'MSG problems', 'MSG admin makes a break', 'MSG Server Rules', and 'MSG (SB) Server Best Lap'.
- LOBBY - Automatic actions:** Checkboxes for 'Send Server Rules msg', 'Set random Car', 'Set random Track', 'Send Web Page Info msg', and 'Send Next Event Info msg'.
- Game - Automatic actions:** Checkboxes for 'Send FairPlay msg', 'Send Web Page Info msg', 'Send Next Event Info msg', and 'Send Server Best Lap msg'. Below are buttons for 'Set / Save NR' and 'Empty temp NR'.
- Server Rules:** Checkboxes for 'Automatic kick parking cars', 'Kick new Blacklisted users', 'TrackCut Penalty' (4), 'Impact Penalty' (10), 'Activate Points System', 'Activate auto. Server MSG', 'Activ. Ping Limit' (200), and 'Activate admin commands'.
- Penalties / Experience Points:** 'Penalty Points' section with 'WARN IF' (60) and 'KICK IF' (80) PP. 'Experience Points' section with 'PB' (500) and 'SB' (999). 'VARIANT' (4) and 'GROUPS' (radio buttons for SG 1 to SG 5, and 'ALL').
- Game Control [1] (only in Lobby):** Vehicle selection (Renault Megane R.S. 265), Brands (Hatch GP), Training 1 and 2, Qualifying (30 minute), WarmUp, Race 1 (5), and Race 2 (0).
- Game Control [2] (only in Lobby):** Checkboxes for 'ServerControlsTrack' and 'ServerControlsVehicle'. GridSize (20), MaxPlayers (19), Flags (656616), DamageType (1), TireWearType (1), FuelUsageType (1), PenaltiesType (1), AllowedViews (1), DateProgression, ForecastProgression, WeatherSlots (1), and WeatherSlot1 to WeatherSlot4 (-934211870).
- Bottom:** Checkboxes for 'Random Vehicle' and 'Random Track', and four 'Set Attributes' buttons.

RaceControl Window offers different options, settings and functions for PCars DS Server.

Like other PCDSG functions it uses the PCars DS HTTP API to get or to send the needed data.

Be sure you have access to the DS HTTP API, Test it before using PCDSG if you are not sure.

It is possible to send different Game Chat Messages by using the Buttons. PCDSG also send some automatic or predefined messages. Most automatic messages can be enabled or disabled by using the Checkbox ☐ **Activate auto. Server MSG** in Server Rules section. Predefined messages can be also enable or disabled using the Checkboxes in **LOBBY - Automatic actions** and **Game - Automatic actions** section.

Settings in **Game Control [1] (only in Lobby)** and **Game Control [2] (only in Lobby)** are only working in the Lobby.

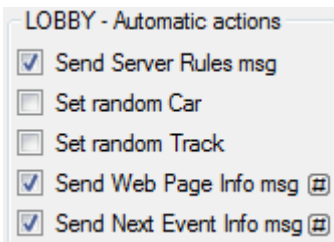
Messages:



Send Server message: Pop up appears to choose or enter message using "Send Server Message" Button. The others: Send predefined messages. They can be changed in config.ini File.

```
Message_1=Test Message 1
Message_2=Test Message 2
Message_3=Test Message 3
Message_4=Test Message 4
Message_5=Test Message 5
Message_6=Test Message 6
Message_7=Test Message 7
Message_8=Test Message 8
Message_9=Test Message 9
Message_10=Test Message 10
Message_Welcome=Wellcome to PCDSG Server
Message_Email=PCDSG@web.de
Message_Problems=Have some problems
Message_Admin=Admin makes a break
```

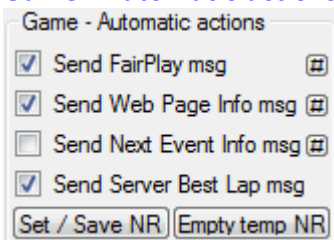
LOBBY – Automatic actions:




This actions are performed if PCDSG detects state Lobby. They will send a Server message after applied in PCars game Chat. They only work in the Lobby and are only executed in the Lobby.


Use  Button to customize the messages.


Game– Automatic actions:



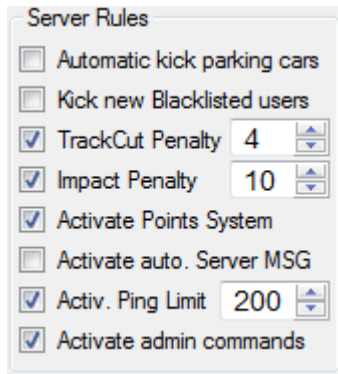
This actions are performed while PCDSG is running in PCars game Chat.

Use  Button to customize the messages.

Use  Button to change the time – Intervals for the messages.

Use  Button

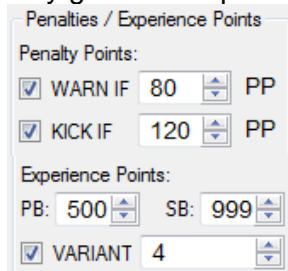
Server Rules:



Enable or disable the Checkboxes for the various settings and set the value you want to use.

Penalties / Experience Points:

Enable or disable the Checkboxes for the various settings and set the value you want to use. Penalties are only given for impacts with other cars.



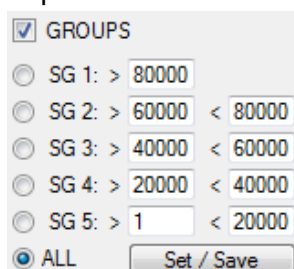
Activate Warning Points Limit and enter the number of Points for the Limit.

Activate Kick Points Limit and enter the number of Points for the Limit.

Enter the number of Points PCDSG will give if someone drives a Personal Best Lap or a Server Best Lap. Use the Variant to set height of the points that are given.

PCDSG can use “Safety Groups” for all users depending on the Experience Points.

Available Groups: SG1 – SG5, depending on the values. SG6 is used for new users without any Experience Points.



Limit Race entry by using SG Class Limit: Depending on the SG Class set as entry Limit PCDSG will Check SG Class of the user and remove the user from the starting grid before the race starts if his SG Class is lower than the Limit.

Game Control [1]:

controlGameSetup needs to be activated in “server.cfg”. → **controlGameSetup : true**

Set the Attributes you want. Use the Buttons depending what you want to take over.

Car and Track selection can be set to random. Track will only be changed if the grid size matches / is not too high for the Track. There will be some Server messages showing the settings after they are applied.

Race Control uses the DS HTTP API and needs access to it. This function only works in the Lobby.

Use LUA add-ons to change Server Attributes before or during joining.

Game Control [2]:

controlGameSetup needs to be activated in “server.cfg”. → **controlGameSetup : true**

Set the Attributes you want. Use the Buttons depending what you want to take over.

There will be some Server messages showing the settings.

Race Control uses the DS HTTP API and needs access to it. This function only works in the Lobby.

Use LUA add-ons to change Server Attributes before or during joining.

2 - PCDSG EVENT LAPPER (STARTPCARSDS.EXE):

This is the main function of the Program and there are two ways to run and use it. After selecting the Button 'Start Server' or 'Connect to Server' on the PCDSG main GUI the Program will start the File 'StartPCarsDS.exe' located in '...\PCDSG\system\' folder. This File starts the other Files and reads the data from DS using the Dedicated Server HTTP API. The Status of the DS Server, current state of the loop and some options can be found on the GUI Window together with the reset and close Button.



This window is permanently open while PCDSG is running and while it is grabbing the data using HTTP API from it. It shows also some Information's from the DS Server like the status, Date and Time, runtime, number of loops, number of races done and some settings.

It can be set to the Background using the Checkbox "Run in Background" in Appearance section. To bring the Window back to the foreground use the Button "Show Windows" in PCDSG main GUI.

Update Interval:

It is also possible to influence the break between each loop the Event Lapper does using the 'Update Interval' UpDown Option. If you have to high CPU usage on a Session with a high number of participants then increase this value.

Update Content:

There are 5 different 'types' of Data that PCDSG reads from the DS Server. It is possible to enable or disable each of them using the Checkboxes. This will influence the time/duration of the loop but also the amount of available data PCDSG can use. For example: If you don't use the User History function and don't care about it then you can disable this function and it will reduce CPU usage and the time/duration of the loop.

Appearance:

Changing Color of the Background on every loop can be activated. Run in Background option hides everything with the exception of GUI Windows to the Background. GUI Windows are minimized. To unhide them it is needed to open PCDSG main GUI Window again and use the Button to show the hidden Windows.

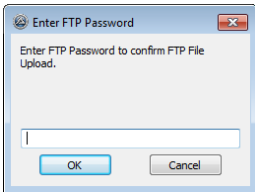
3- FTP UPLOAD:

(*server.cfg, blacklist.cfg, whitelist.cfg*):

You can use the FTP Upload function to Upload your .cfg Files to the remote DS.
Use FTP Upload Button on Tab 2 to start it manually.



It will ask for the FTP Password. (Optionally you can save the password in config.txt)



FTP Password will not be saved so that it asks for it every time you use it.

FTP settings can be written into PCDSG config.ini in [FTP] section.

If you write your FTP password into the .ini File be sure the File is secure because you write it in "plain text".

```
[FTP]
FTP_Username=
FTP_Password=
FTP_Server_Name_IP=
FTP_Port=21
FTP_Passive=1
FTP_sqlite_folder=/web/PCDSG/data/
FTP_CFG_folder=/web/PCDSG/
```

If it doesn't work then try using "FTP_Passive=0"

4 - ADMIN COMMANDS (FOR PCARS GAME CHAT):

Admin can enter commands into the Game Chat to control some functions / settings of PCDSG while in the game.

Some commands can be used by all users and others can only be used by the current admin of the Game.

Commands that will be accepted by PCDSG can be set in config.ini File, section [Race_Control].

Example with explanations (config.ini):

Admin_MSG_1=>KU> (cannot be changed)	→ Kick User	→ write: ">KU>name"
Admin_MSG_2=>BU> (cannot be changed)	→ Ban User	→ write: ">BU>name"
Admin_MSG_3=>RPC	→ Remove parking cars On/off	→ write: ">RPC"
Admin_MSG_4=>PPK	→ Penalty Points Kick On/off	→ write: ">PPK"
Admin_MSG_5=>PLK	→ Ping Limit Kick On/off	→ write: ">PLK"
Admin_MSG_6=>StartRR	→ Start TMR Replay recording	→ write: ">StartRR"
Admin_MSG_7=>StopRR	→ Stop TMR Replay recording	→ write: ">StopRR"

Be sure "Activate admin command" is selected in Race Control Window



Default Commands:

These predefined actions / commands can be used by 'ALL' users:

Server Best Lap Time:

Write: **>SB** to show PCDSG **Server Best Lap Time**

Personal Best Lap Time:

Write: **>PB** to show PCDSG **Personal Best Lap Time**

Safety Group [SG] Ranking:

Write: **>SG** to show PCDSG **Safety Group Ranking**

Experience Points [EP] Ranking:

Write: **>EP** to show PCDSG **Experience Points**

These predefined actions / commands can be used by 'ADMIN' users:

Admin_MSG_1:

Write: **>KU>name** to **Kick User** "name"

Replace "name" with the name of the user you want to Kick.

Admin_MSG_2:

Write: **>BU>name** to **Ban User** "name"

Replace "name" with the name of the user you want to Ban for 24 hours.

Admin_MSG_3:

Write: **>RPC** for **Automatic Kick parking cars on/off**

Admin_MSG_4:

Write: **>PPK** for **Penalty Point Limit Kick on/off**

Admin_MSG_5:

Write: **>PLK** for **Ping Limit Kick on/off**

Admin_MSG_6:

Write: **>StartRR** to **Start** the **recording** of the **TrackMap Replay**

Admin_MSG_7:

Write: **>StopRR** to **Stop** the **recording** of the **TrackMap Replay**

These predefined actions / commands for APPS from TAB3 can be used by 'ADMIN' users:

Admin_APP_1:

Write: **>A1** to **Start APP 1**

Admin_APP_2:

Write: **>A2** to **Start APP 2**

Admin_APP_3:

Write: **>A3** to **Start APP 3**

Admin_APP_4:

Write: **>A4** to **Start APP 4**

Admin_APP_5:

Write: **>A5** to **Start APP 5**

5 - PCDSG ADD-ONS:

Add-ons can be copied to PCDSG\system\ folder.

For example "Web TrackMap Add-On". If this add-on is copied to the "...PCDSG\system\" folder it will create the TrackMap and make it available for homepage or for sharing.

How to use Add-ons:

Up to five Add-ons can be used; they will be executed in the same interval as the other PCDSG Files if they are detected.

ADD-ON1.exe

ADD-ON2.exe

ADD-ON3.exe

ADD-ON4.exe

ADD-ON5.exe

To write an Add-on you can use any language. You can use all data that is in PCDSG\system\ folder available to add new functions. Compile it to an .exe File before you use it.

6 - PCDSG RESULTS FILE OUTPUT:

If activated in settings menu (Results File Extension) PCDSG will create Results Files depending on the selection. These Files are created using Name of the Session and the current Time and saved in the folder with the date for the matching day. If that folder with the date of the day does not exist it will be created. Files and folders are created inside of PCDSG data folder 'PCDSG\data\'.

Using the '.HTM' selection it is also possible to create Files that can be viewed with Internet Explorer or integrated into the web pager.

[Example HTM web page File output](#)

[PCDSGwiki page](#) (*Browse to 'PCDSG – Results'*)

This example uses '[AutoIndex PHP Script](#)'. It can be set easily and shows a list of all files for easy online access.

7 - MISCELLANEOUS:

PCDSGWiki PAGE:

You can find the Downloads, Updates, and more information on the [PCDSGwiki page](#).

[PCDSGwiki page](#)

PCDSG PCARS FORUM THREAD:

Visit Pcars Forum for Discussions or further questions.

[Project Cars Dedicated Server GUI Launcher, with "live timing" \(results, timetable,\)](#)