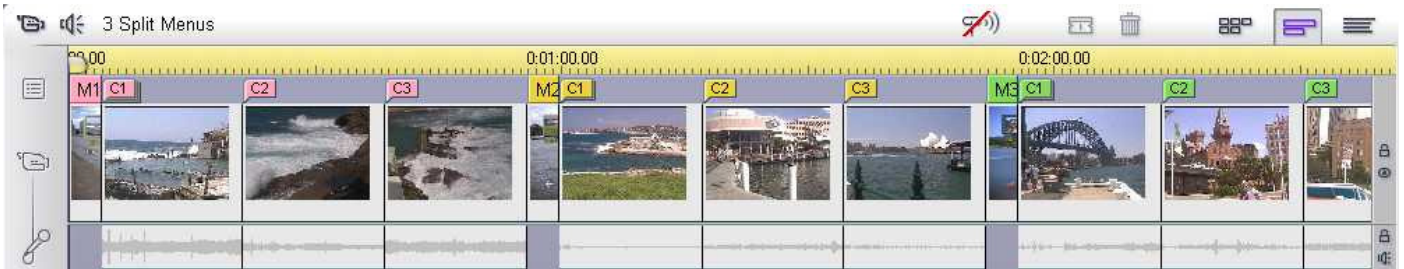


PGC Demonstration Project

The Project

The project was laid out in this manner to produce three separate PGCs for the video content.



Creating this project using Studio 10 resulted in the following errors.

Buttons **M1-C1**, **M1-C2**, **M1-C3** had NO errors.

Play Whole DVD and **Play All** were re-numbered 6 and 7 respectively and their Chapter Links changed.

M2 and **M3** were also re-numbered to 4 and 5 respectively and their Chapter Links changed.

(**M2 / Play Whole DVD** and **M3 / Play All** Chapter Links were switched.)

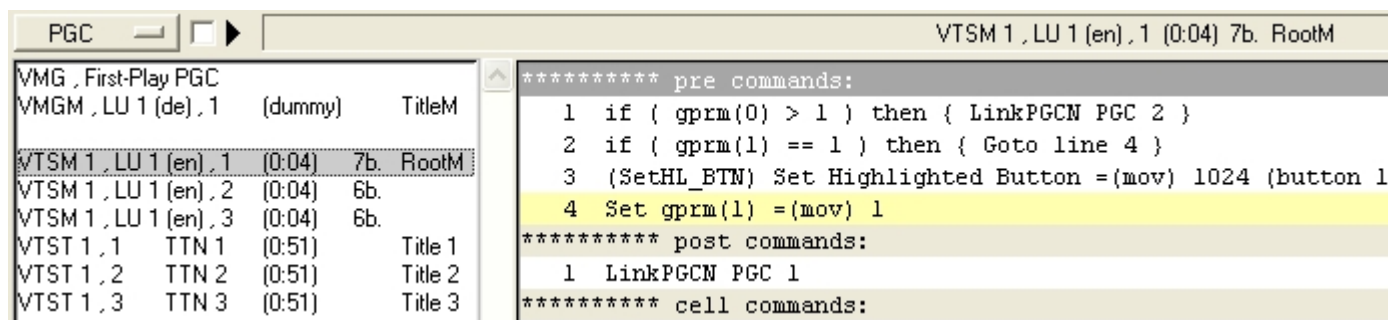
We will correct all these problems to demonstrate common manipulation of **PGCs** and Menus using PgcEdit



The numbers can be seen in the centre of each button.

The **Play Whole DVD** and the **Play All** text were configured as Normal Buttons in Studio 10.

The **PGC** listing for this project appears as follows:



We will also have to change the functions of the **Play Whole DVD** button to play every chapter in the DVD and the **Play All** button in each of the three menus to play the three chapters associated with it's menu.

The **Play Whole DVD** button currently plays just the three Chapters in the first Title **PGC**. This is **VTST 1, 1 TTN 1 (0:51) Title 1** in the PGC list.

We shall need a number of additional **PGCs** in order to fulfil our intention to do the following:

Button's Function	Plan	Comment (Add a PGC description)
-------------------	------	---------------------------------

Menu 1:

Play All	Use current Title 1	Play all M1 Chapters
Play Chapter 1, return to Main Menu.	New PGC	Play M1-C1
Play Chapter 2, return to Main Menu	New PGC	Play M1-C2
Play Chapter 3, return to Main Menu	New PGC	Play M1-C3
Play Whole of DVD, return to Menu 1	New PGC	Play all 9 Chapters

Menu 2:

Play All	Use current Title 1	Play all M2 Chapters
Play Chapter 1, return to Menu 2.	New PGC	Play M2-C1
Play Chapter 2, return to Menu 2.	New PGC	Play M2-C2
Play Chapter 3, return to Menu 2.	New PGC	Play M2-C3

Menu 3:

Play All	Use current Title 1	Play all M3 Chapters
Play Chapter 1, return to Menu 3.	New PGC	Play M3-C1
Play Chapter 2, return to Menu 3.	New PGC	Play M3-C2
Play Chapter 3, return to Menu 3.	New PGC	Play M3-C3

From this we can see that we need to produce ten additional **PGCs**. Because of this we will have a total of thirteen **PGCs** and need to add Comments to keep track of what each **PGC** does.

We can add a **PGC** by Cloning (Copying) an existing one.

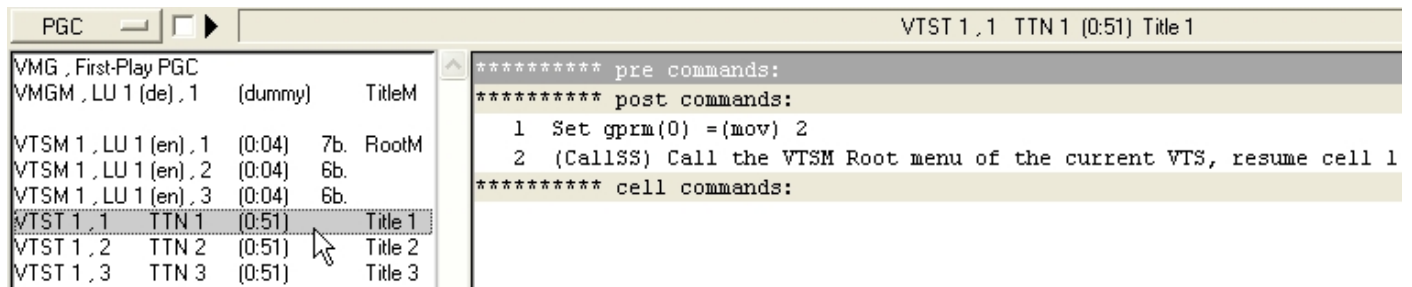
When we have a mixture of **PGC** configurations we can save time by choosing a **PGC** that is the nearest configuration to the one we wish to add.

This project only has three identical **PGCs** and we will use this fact to demonstrate how to increase or decrease the amount of Video (Number of Chapters) that a **PGC** plays.

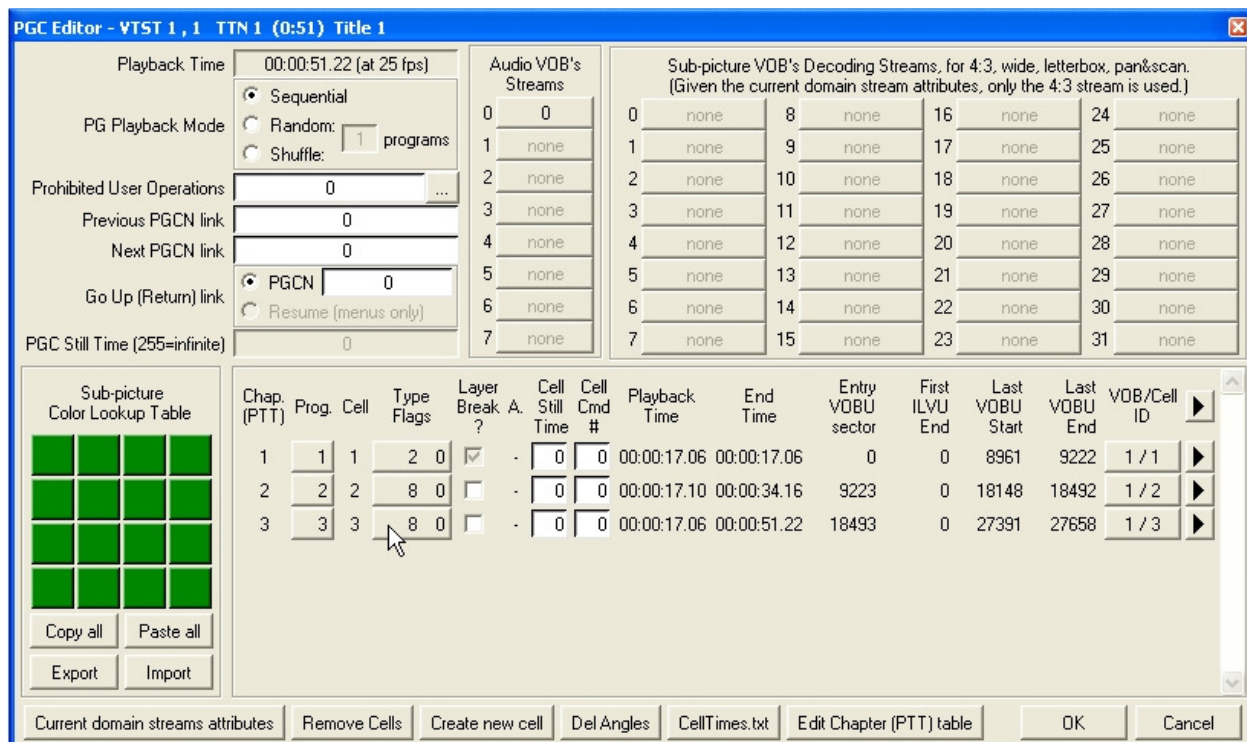
We would normally have set a return to menu for each Chapter in one of the Menus so that we could copy a **PGC** containing only one chapter.

Cloning a PGC

Click on the **PGC** line to be Cloned, to highlight it and then **Double Click** the **line** to open it's **PGC Editor**.



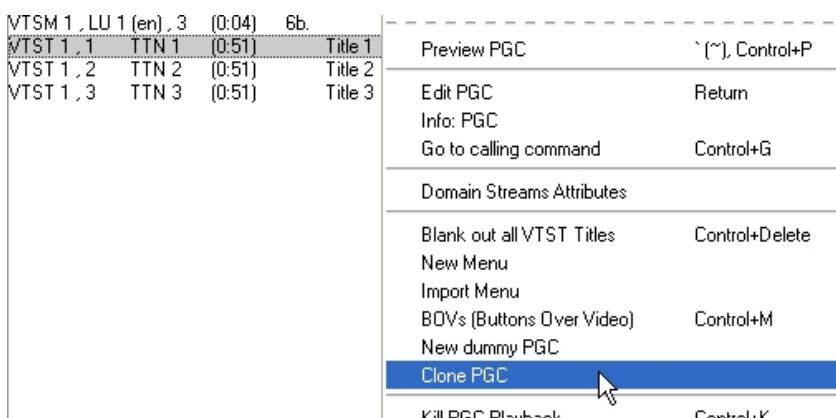
Confirm that there are three cells in the **Title 1 PGC**. **Click** the **Cancel** button to close the editor



(There is a reference to this in **PGC Planning**, page 5)

We are going to produce three PGCs with each having just one Chapter. Therefore we will Clone the above PGC **VTST 1, 1 TTN 1 (0:51) Title 1** and remove two Cells (Chapters) before continuing to Clone more.

Right Click on the highlighted **PGC** line **VTST 1, 1 TTN 1 (0:51) Title 1**



Then **Click** the **Clone PGC** option.



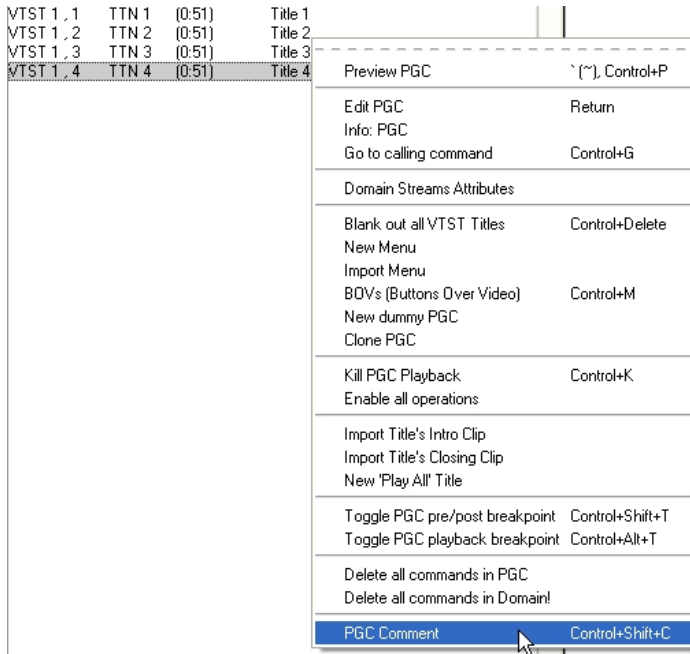
Click the Yes button to 'Create a new Title number'

PGC Comment

Having created a new PGC, now is a good time to give it a title, or a description.

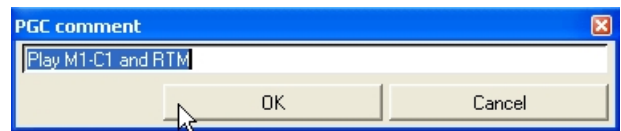
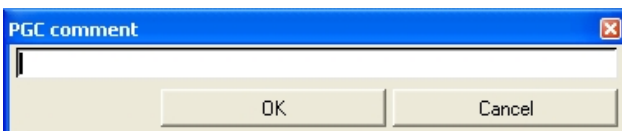
Click on the new PGC line to highlight it.

Right Click on this highlighted PGC line VTST 1, 4 TTN 4 (0:51) Title 4



Then Click the PGC Comment option.

This will open the PGC comment box. Simply type in the comment and Click the O/K button



This is the first new PGC that will play back the single Chapter Play M1-C1 in our list above.

We will name it Play M1-C1 RTM as this indicates it's function. (RTM is of course Return to menu)

I would advise naming all the PGCs as you Clone them and whilst you can still remember what they are for.

VMG , First-Play PGC			
VMGM , LU 1 (de) , 1	(dummy)	TitleM	
VTSM 1 , LU 1 (en) , 1	(0:04)	7b.	RootM 'Main Menu M1'
VTSM 1 , LU 1 (en) , 2	(0:04)	6b.	'Menu M2'
VTSM 1 , LU 1 (en) , 3	(0:04)	6b.	'Menu M3'
VTST 1 , 1	TTN 1 (0:51)	Title 1	'M1 Play All'
VTST 1 , 2	TTN 2 (0:51)	Title 2	'M2 Play All'
VTST 1 , 3	TTN 3 (0:51)	Title 3	'M3 Play All'
VTST 1 , 4	TTN 4 (0:51)	Title 4	'Play M1-C1 and RTM'

The complete list now look something like this