



# User Guide

**Version 10** 

Part of

**TScore** 

the complete Trampoline Competition package

# **VSCOIC** the Trampoline Competition Results Viewer

Welcome to the VScore User Guide. This manual will help you find you way around the VScore program so that you can use its features to best effect.

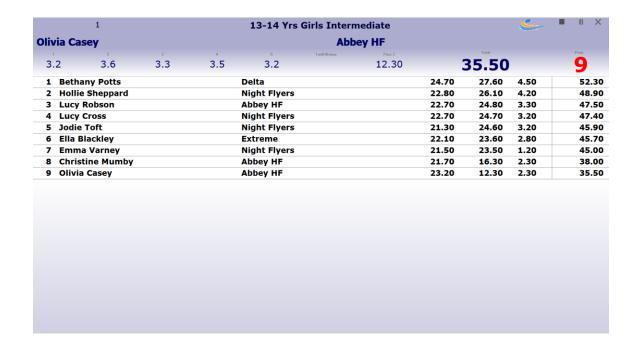
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#### 1 Introduction

VScore is TScore's partner program for use at trampoline competitions, to provide a continuous live display of the results. It differs fundamentally from similar products in its ability to automatically detect which classes are 'active' and so display these groups without needing any manual intervention.

Typically, I fire VScore up at the start of the event, switch on the projector and just leave it running all day. It also copes with higher resolution displays, so you don't suffer from so many truncated names.



The presentation itself is visually attractive, with graduated coloured backgrounds and smooth scrolling lists of competitors. You can even add your own messages to be shown between each set of results!

VScore is a great way to keep your audience engaged with the competition as it progresses.

Throughout this manual there are useful hints, indicated with a 'light bulb' symbol:



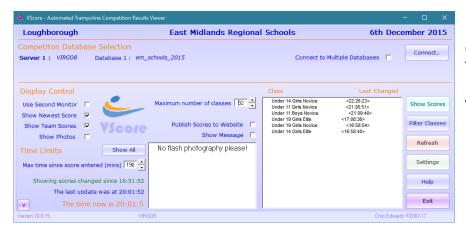
and the occasional bit of techno-babble to keep us anoraks happy, indicated thus:



### 2 Showing the Scores

To run VScore, first launch the program from the start menu (or desktop shortcut)

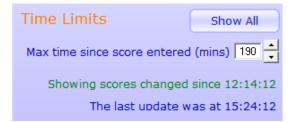




First, you will need to connect to the correct competition database. This is identical to the connection method you use in TScore, using the 'Connect' button.

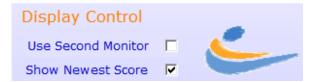
You should now see a list of the classes in the competition that have had scores recorded within the configured elapsed time. To list all classes click the 'Show All' button. (This then changes to 'Recent', which will revert to the filtered list of classes).

You can control how many classes are displayed by setting the 'Max time since last score was entered' value. When you choose to show only 'Recent' classes, this is the time filter that VScore will use. You can also set the maximum number of classes to show at once.



To display the scores themselves, click 'Show Scores'. A new window will pop up showing a continuous loop of the scores that automatically updates without further intervention. Each time VScore reaches the end of the class list, it will relist eligible classes. You can manually force a relist by using the 'Refresh' button.

The results window normally appears on the same monitor unless you click the 'Use Second Monitor' box. VScore lets you choose from up to 5 connected screens – see the Settings option for





details.

At the top of the display screen is the Panel number and name of the class being shown. The most recently updated competitor's scores for the latest round are shown below this, followed by a full list of all competitors who have recorded scores in the class. If there are more than 15 competitors in the class, VScore will smoothly scroll through the list, according to the timings you have set on the main control screen.

		3			Under 14 Girls	Novice			5	► X
Georgia Beresford					Long Eaton A					
1	1	2	3	4	5 Tariff/Bonus	Pass 2		Total		Posn
8.	.2	7.9	8.1	8.0	8.1	25.70	•	49.10		3
1	Macke	nzie Hughes		s	palding A		23.70	25.90	1.50	49.60
2	Amy D	ronfield		R	edmoor		23.40	25.90	1.50	49.30
3	Georgi	ia Beresford		L	ong Eaton A		23.40	25.70	1.50	49.10
4	Madeli	ine Waldock		В	ourne Grammar A		23.60	25.20	1.20	48.80
5	Lily Ed	lwards		J	ohn Port A		24.20	24.60	0.80	48.80
6	Nicole	Riley		L	ong Eaton D		23.60	24.90	1.20	48.50
7	Shann	on Scotland		L	ong Eaton D		23.40	25.00	1.20	48.40
8	Suranı	ne Cave		Т	upton Hall A		23.50	24.50	0.80	48.00
9	Jennai	Keeber		Н	astings		23.50	24.40	1.50	47.90
10	Laurer	n Briggs		L	ong Eaton D		23.60	24.30	0.80	47.90
11	Emily	Whitehall		C	arlton		22.80	24.70	0.80	47.50
12	Maddi	e Ford		L	ong Eaton C		23.10	24.30	1.20	47.40
13	Indi F	οx		Т	upton Hall A		23.40	24.00	0.80	47.40
14	Darcy	Green		L	ong Eaton E		23.40	23.90	0.80	47.30
15	Millie I	Richardson		C	hellaston		23.40	23.80	0.80	47.20
16	Amy W	Villiams		L	ong Eaton B		24.00	22.90	1.50	46.90
17	Caitlin	Van Ham-Sr	nith	A	shfield		23.10	23.70	1.20	46.80
18	Natasł	na Lawes		S	palding Academy A		22.70	23.90	1.50	46.60
19	Caitlin	Flynn		O	utwood Portland A		22.05	24.30	1.50	46.35
20	Lois G	reen		Т	upton Hall A		22.50	23.80	0.50	46.30
21	Holly I	Haynes		J	ohn Port		22.60	23.70	0.80	46.30
22	Elise H	latton		s	t Georges Sleaford A		22.00	24.20	0.80	46.20

On the display screen you can use the control buttons in the upper right corner to pause, stop or close the display.

Colours can be set via the 'Settings' option on the control screen.

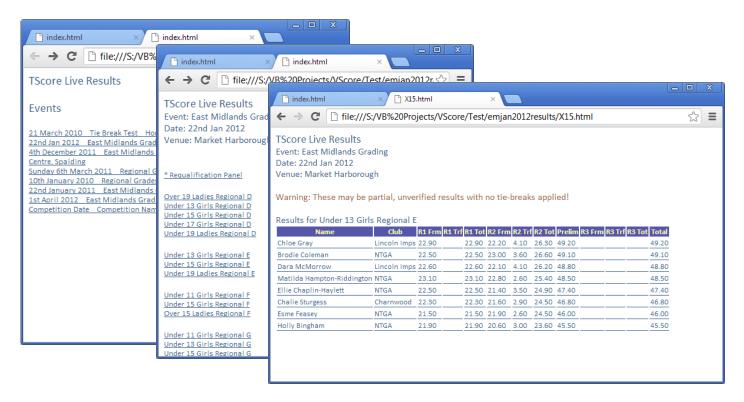
#### 3 Web Publishing

VScore is able to publish its results continuously as HTML files to a folder of your choosing. This lets you operate a 'live results' website. To configure this, you need to set the web folder location in the Settings form:



If you then tick the 'Publish Scores To Website' box on the main screen, TScore will write an index file ( index.html ) to the folder. This lists all of the competitions that have been published as links to a subfolder. In each competition sub-folder there is an index to all of the competition classes recorded at that event so far. Clicking on these will show the results for that class.

Results are updated every few minutes automatically, or when you tick the 'Publish to Website' box. You will need to use a separate program to synchronize your local publishing folder with your website. One such option that has been used successfully with VScore is Good Sync (<a href="https://www.goodsync.com">www.goodsync.com</a>)



The results display includes the following score values, according to the competition and class format:

Form, Difficulty, Bonus, Penalty, Time of Flight, and Totals for each round.

Name, Club, Team, and Position overall.

#### 3.1 Web Page Styling

VScore offers the ability to alter the styling of the published web pages through the use of cascading style sheets (CSS).

When you publish your competition, VScore will look for a'style.css' file in the root web publish folder. If it doesn't find one there, it will create one for you with default settings.

Each time you check the box to re-publish the entire competition, VScore will check whether the style.css file in the root folder is newer than the one copied into the subfolder for the competition and, if so, will update the older one. This means that you can create your own presentation styles for the web pages by just editing the root file.

VScore will also look for the existence of a 'background.jpg' file to use as the background for pages that you publish, and copy newer versions of that too. You can of course choose a different background by editing the style.css file, but in this case you may need to manually copy the image file into the competition sub-folder.

You can also add one or two logo images to the results screens. Simply add files called Logo1.png and Logo2.png to the published folder and these will be included via the stylesheet. The logos should be approx. 96x96 pixels.

VScore can also instruct each page to automatically refresh – just check the box on the settings page and set the refresh interval between 20 and 900 seconds.

#### 3.1.1 Web Structure

The Web publishing structure is as follows:

Root Folder (defined by you in the Settings page)

**style.css** - the master stylesheet

**background.jpg** - the default background image

index.html - a list of links to all of the competitions in the published area

<folders> - one folder per competition that you have published
info.txt - contains the event name, database, date, venue

**style.css** - the stylesheet for this competition (copied from master)

- the background image for this competition (copied from master)

Logo1.png - The upper logo to show on the results page
Logo2.png - The lower logo to show on the results page

index.html - a list of links to all of the classes in this competition

<class ID>.html - the results for this class

#### **3.1.2 Styles**

Examine one of the generated files for full details of the element classes that VScore uses, as this will be extended as more scoring and reporting options are added. We will try to maintain backwards compatibility where possible though, so you don't have to edit your style sheets significantly for every new release.

The results themselves are presented in format, so you can apply generic styles to the table, th, tb, tr and td elements.

You can also apply styles to specific fields. For example, to hide the Time of Flight score for round 2, you could set the header ('thtm2') and cell ('tdtm2') classes to 'display:none'.

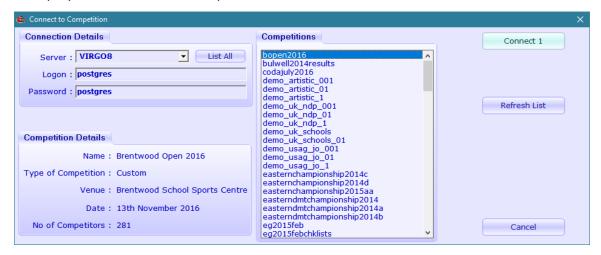
Note that VScore does automatically hide scores that are not used by the competition / class being published, so you should only use this method to completely remove specific score types.

### 4 Connecting to a Different Competition

You will need to select a competition database when first setting up VScore at your competition. From the VScore control screen, click the 'Connect..' button at the top right.



This will display the 'Connect to Competition' window shown below.

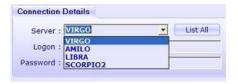


The 'Connection Details' box show you which database server you are connected to (with a drop-down list of any other servers on your network), plus the current database connection username and password.

The 'Competitions' list shows you all of the competitions on the current server, while the 'Competition Details' box displays information about the competition currently highlighted in the list.

VScore remembers the server and competition that you were last attached to, and automatically connects to this when you next start the program.

To change to a different competition on the same server, simply click it in the list (the 'Details' will be shown) and then click the 'Connect' button. You can also just double-click the list entry if you prefer.



To switch to a different database server, click the pulldown list of servers and select the one you want. If the server list only contains your PC, click the 'List All' button to search the network for other computers.



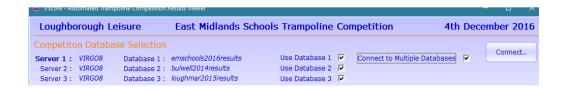
VScore will normally only list those computers on which it can detect a database. You can tell it to list ALL computers on the network by changing the setting in the Settings screen.

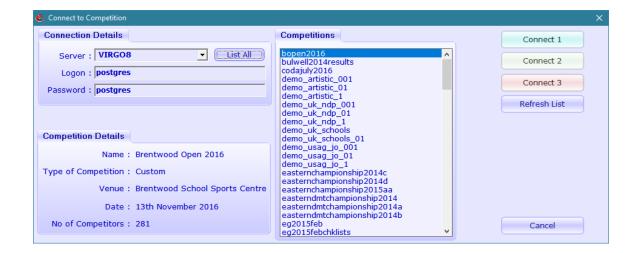
Only list database servers 🔽

The logon and password should be as you set them when you first installed the database. (By default, these are both 'postgres' for the PostgreSQL database, but your administrator may have changed this.)

#### 5 Monitoring Multiple Competition Databases

VScore lets you monitor up to 3 separate competition databases at the same time. To select multiple databases just click the 'Connect to Multiple Databases' box on the main screen. You can then choose you databases, switch each one on or off, and VScore will automatically cycle through all the ones you have chosen.





### 6 Adjusting the Display Timings

In VScore you can adjust the time each class is shown on the screen. Five separate time settings give you fine control over the pace of the display.

Click the Settings button. There are five time settings that you can adjust by using the 'spin controls' (the up/down arrows) or just typing in a number of seconds:

Display time for each competitor

Time before scrolling

Time for each scroll

Time after scrolling

Time to show the large 'Latest Score'

Display Timings (immediate eff	ect)
Display time for each competitor (seconds)	0
Pause before scrolling starts (seconds)	1 -
Pause between each scroll step (seconds)	0 📥
Pause after scrolling finishes (seconds)	1
Show latest score (seconds)	5

#### **Example**

Suppose you have a class of 25 entrants and have set the times above to be 1, 5, 2, 4 and 8.

VScore can show 15 entrants on screen at once, so the sequence with these settings would be as follows:

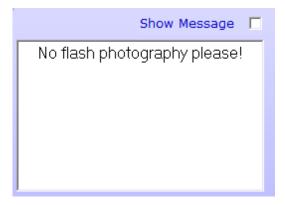
- 1. First 15 entrants shown and held on screen for 15 x 1 seconds.
- 2. A further pause of 5 seconds before scrolling
- 3. The list scrolls up by one row every 2 seconds for the next 10 competitors
- 4. Entrants 11 to 25 remain on screen for a further 4 seconds
- 5. The Latest competitors score is shown for 8 seconds
- 6. The next class is shown

### 7 Showing Messages

How often have you needed to make an announcement without frightening the children? VScore lets you do this with its handy messaging feature.



Setting up a message is easy. From the control screen, type you message into the box and then tick the 'Show Message' box. At each subsequent change of class, your message will be shown on the results screen.



A default message 'No Flash Photography Please!' is provided for your convenience.

### 8 Showing the Latest Score

It is sometimes helpful to show the most recently recorded score in BIG text so people further away can read it. To do this, just check the box labelled 'Show Newest Score'.



## 9 Filtering Classes

You can manually filter the classes to be displayed. Click the Filter button.



Choose the Event (aka Discipline), panel, Apparatus (for Artistic) and the Day (for multi-day competitions).

This gives you a great way to run multiple VScore monitors, each reporting on their own panel or apparatus. Click Reset to clear the filter.



#### 10 Showing Images

In VScore you may display images between each set of results. Simply put one or more JPEG or PNG images into a folder, set the folder in the Settings option and set the frequency and duration of the image display. This is great for putting up sponsored messages and adverts, as well as photos of the event in progress.

#### 11 Multiple Monitors

VScore can detect additional monitors or projectors attached to your computer and let you choose which one to display the results on. The monitors are configured on the Settings screen. You can also override the detected display dimensions if your monitor is not reporting correctly, or you want to adjust the size a bit – just uncheck the Auto box.



Don't forget to check the 'Use second monitor' option on the main screen.

#### 12 List text size

You can change the size of the text used to display the list of entrants from the Settings page. Simply adjust the Text Size between 100% and 175% to change the number of rows that VScore shows in the list. Leaving 'Auto fit rows' checked will let VScore adjust the number of rows according to the screen size and text size chosen. Due to the variations between displays however, you may need to manually set the number of rows shown, which is possible if you uncheck this box.

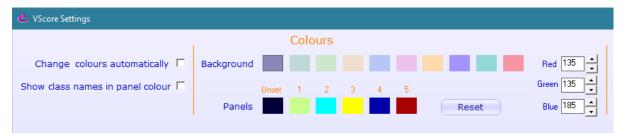




#### 13 Changing the Colours

In VScore you can set the colours used for the results display.

Click on the 'Settings' button on the main control screen to show the colour setting controls



VScore has two colour values - one for the display background and another for the main title (which shows the panel number and class name).

You can set 10 different background colours and 5 different panel text colours.

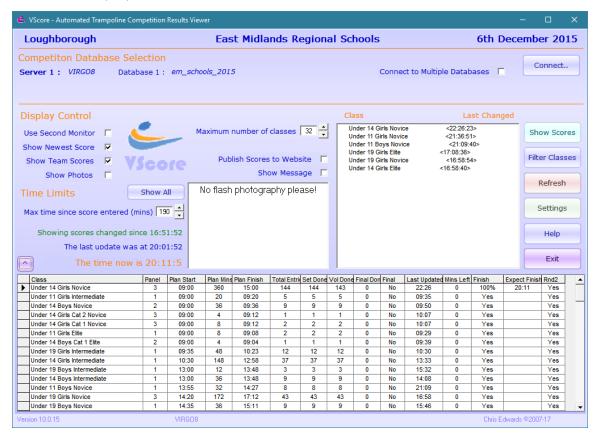
To set a colour, click on the coloured box to be changed and then use the spinners to set the Red Green and Blue values for that colour.

You can choose whether VScore should use a single, static colour, or whether it should fade between colours for each class.

You can also choose whether the header should show a different colour according to the panel on which it is being run.

### 14 Showing the competition status

You can check the current competition status from VScore by clicking the button on the bottom left of the main screen. This then lists the status of all classes in the competition. Click the button again to hide the display.



#### 15 Publishing Results to the Web

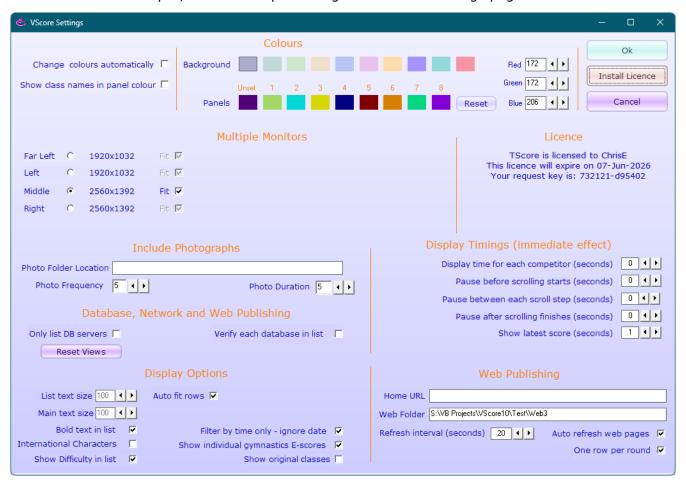
VScore can generate HTML files with the current results for you to transfer to a website (using FTP for example).

These files are structured so that you have a master event index, then within each event folder you have a file for each class.

Each folder has an Index.html file, that provides navigation for you to get to each included page.

Each page is simple HTML with a CSS stylesheet driven display, so it is easy for you to alter the appearance of each screen.

To create the web output, first set the publishing folder in the Settings page.



Your event files will be saved to a subfolder named after your event. You can set the refresh interval for publication and decide whether you want the web pages themselves to auto-refresh when they are being viewed.

Note that VScore must be actively cycling through its results display for publishing to be performed.



You can also set a 'Home URL', which VScore will use as a location for anyone clicking on the 'Home' link in each index page.

You will need to provide a synchronization service to copy files from your local folder to the internet. There are numerous such programs available – many of them free. We have successfully used WinSCP for example, which can be set to automatically upload files whenever a change is detected.

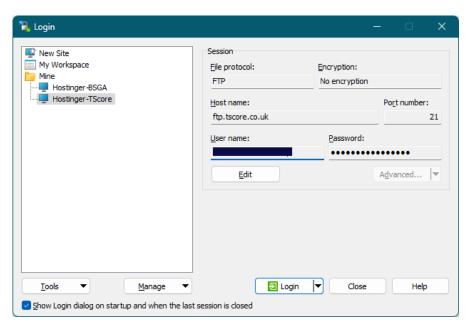
We also recommend that you isolate the scoring system to some extent from the internet, but configuring a 'publishing' PC, with a cabled connection to the database server and a wi-fi or Bluetooth/USB tethered phone connection to the internet. This connection should be strongly firewall-protected to minimise the risk of cyber intrusion.

#### 15.1 Using WinSCP

There are a number of very effective FTP synchronization tools available, but the one we have used most is WinSCP. (<a href="https://winscp.net/">https://winscp.net/</a>).

You will first need to create your website page, and then configure an FTP connection (see your internet service provider for details of how to do this).

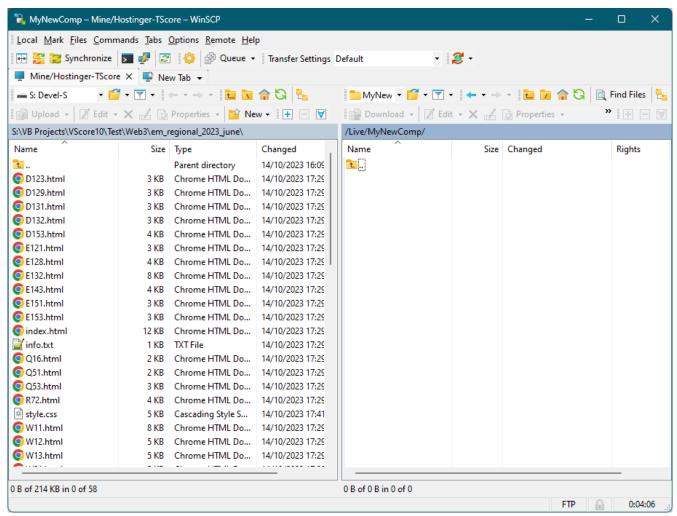
Then install and run WinSCP – you will get to a logon page like this:



Create a new site for your web page and enter the FTP connection details from your ISP, and Login.

It should connect and in the right panel list the contents of the home page for the ftp account.

Navigate to the folder where you want the files to be uploaded.



Now in the left panel, navigate to the VScore publishing folder.

Then all you need to do is click the 2<sup>nd</sup> Synchronize icon ("Keep remote directory up to date") and WinSCP will just tick over, pushing any altered files to your site whenever a change is detected.



#### 15.2 HTML Export Styles

These are the CSS classes used by VScore when exporting HTML files.

A default 'style.css' file will be written to the root publishing folder if one is not already there. One called default-style.css will also be written regardless.

When a new event is exported, the style.css file currently in the root publishing folder will be copied into the folder for the event. In this way, you can set your own style that will be inherited for every new event that you export. You can of course copy them manually if you wish.

Class	Purpose				
body	Base styles for all pages				
.plug					
Event List					
.hdr0	"TScore Live Results"				
th	Default table header cell				
tb	Default table				
tr	Default table row				
td	Default table cell				
.restab	Result list table				
.resrow	Result list row				
.teamrestab	Teams result list table				
.teamresrow	Teams result list row				
.clstable	Class results table				
.clstr1	Class results table row 1: Event name				
.clstr2	Class results table row 2: Date				
.clstr3	Class results table row 3: Venue				
.clstr4	Class results table row 4: Warning				
.clstr5	Class results table row 5: Class name				
.thpos	Result list column header for Position				
.thtea	Result list column header for Team				
.trmain	Result list – first row for gymnast				
.trsub	Result list – subsequent rows for gymnast				
.tdpos	Result list cell: Position				
.tdfps	Result list cell: Flight Position				
.tdnam	Result list cell: Gymnast name				
.tdclb	Result list cell: Club				
.tdtea	Result list cell: Team letter				
.tdfm	Result list cell: Form (execution) score				
.tddd	Result list cell: Difficulty score				
.tdbn	Result list cell: Bonus				
.tdpn	Result list cell: Penalty				
.tdtm	Result list cell: Time of Flight				
.tdtt	Result list cell: Total for this round / pass				
.tdqal	Result list cell: Qualifying rounds total				
.tdtot	Result list cell: Overall total				
.spacer	A gap row below the Warning				
.clstdleft	Picture cell upper left of results page				
.clstdleft2	Picture cell lower left of results page				
.clstd1	Table cell for Event name				
.clstd2	Table cell for Date				

.clstd3	Table cell for Venue
.clstd4	Table cell for Class name
.clstd5	Div for Team Class Name
.warn	Table cell for Warning
Class list	
.hdr1	"TScore Live Results"
.hdr2	"Events" in Index
.hdr2a	Event name
.hdr2b	Date
.hdr2c	Venue
.hdr2d	Unused yet!
.Finished	A completed class (Green background)
.InProgress	A class in progress (Amber background)
a	Links
a:hover	Links
a:active	Links
#a:visited	Links

