JavaScript for EFS

These video training series educates the viewer on programming concepts using JavaScript, the foundation language for eSignal Formula Script (EFS). This series also leads the viewer through many examples using the EFS Editor and the EFS Output Window. It's the perfect place to start for someone who is new to programming and wanting to get the foundations of how to program.

To download the associated EFS exercise files that are mentioned throughout the video series, please click here.

LESSON	DESCRIPTION	DURATION	WINDOWS MEDIA	
Introduction to Programming	This first segment is an overview of what this video series is covering, and who the intended audience is.	1:01	Play	Download
Programming Concepts	This is a more detailed overview of many of the programming concepts that will be covered in the video series.	4:34	Play	Download
Getting Started	In this segment, the eSignal programming environment is reviewed, and your first EFS file is created.	7:30	Play	Download
Good Programming Practices	Reviews some of the best practices for programming in any language, including EFS	8:56	Play	Download
Recognizing Patterns	Demonstration and discussion of how to have an eye for patterns in code. This talks about symmetry, color coding, and looking for special characters and capitalization.	4:04	Play	Download
Debugging	Provides good tips on debugging in general and also gives some examples of how to debug EFS/JavaScript files.	15:38	Play	Download
Literal vs. Interpreted Output	Clarifies the process of how to specify an actual instruction versus actual (literal) text to be displayed.	24:03	Play	Download
Adding Comments to Code	This segment shows how to place notes within your code in order to make your code more readable.	2:59	Play	Download
Escaping Special Characters	Reviews some possible trouble areas and workarounds for using special characters like "newlines" and tabs.	22:45	Play	Download
Using Variables to Track Data	How to use "containers" or variables to store data. This allows the programmer to reuse the stored data over and over.	32:36	Play	Download
Naming & Declaring Variables	Another best practices segment covering some conventions for naming and declaring your variables.	8:30	Play	Download

Are you a developer? Try out the HTML to PDF API

Incrementing & Decrementing Variables	This part of the series covers how to efficiently add or subtract from variables using special operators. This process is used quite often in programming and is an essential tool to have.	17:03	Play	Download
Boolean Variables	These variables are special true/false variables. This segment covers a number of different examples with these "decision" variables, which ties in nicely with the next segment.	22:17	Play	Download
Conditionals	Covers how to use "If...Then...Else" statements in JavaScript... a critical part of nearly all EFS code.	43:52	Play	Download
Functions	Reviews what functions are, what is included, and how to use them. Again, another critical component to understanding JavaScript and EFS.	30:38	Play	Download
Loops	How to execute a block of code over an over until a certain condition is met. Covers For-Loops and While-Loops.	23:44	Play	Download
Objects, Methods & Properties	This segment reviews the basics of a complex topic... objects. It shows how to associate real-world examples with creating objects.	45:12	Play	Download
Creating Your Own Functions	Demonstrates when and how you can create your own series of procedures which can be utilized over and over again throughout the life of programs..	32:51	Play	Download