HTML5 Video How-to

Over 20 practical, hands-on recipes to encode and display videos in the HTML5 video standard

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Synopsis

This book takes the How-to series approach to help you learn most important tasks through recipes. This book is great for developers new to the HTML5 Video standard, and who are looking to get a good grounding in how to use the new format. It’s assumed that you will have some experience in HTML and jQuery already, as well as being familiar with embedding videos using current "old school" methods, such as Windows Media Player. Readers are expected to have one or more videos available, which will be used during the exercises within this book.

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Customer Reviews

This short booklet covers the basics of implementing HTML5 video. As a 'how-to' book, it’s strong on code examples (jQuery required) and step-by-step instructions. It’s a good intro method when you’re completely new to a subject, but it leaves you searching for help if what you need to learn doesn’t exactly match the book’s path. If you’re brand new, then this will likely be helpful to you. For my part, I was looking for something more comprehensive. If you need a detailed reference on the video element’s events, methods, etc. you might check out Silvia Pfeiffer's "Definitive Guide to HTML5 Video".
Ok, this here is all about the nifty new feature in HTML5 of the `<video>` tag and, to a somewhat lesser degree, also of the `<audio>` tag. The benefit touted by the book is the far simpler HTML needed to embed such video or audio data into your webpage. The problem is that we are in a transition period to HTML5, and the various versions of the major browsers do not necessarily support the preferred video formats of WebM and MP4. The book immediately goes into the first problem you are likely to meet- how to transcode a video into an HTML5 format. Luckily, you can do this for free if your intent is non-commercial use, or you can pay a relatively nominal amount otherwise. We also see that there is often an associated need to play the new video formats on your machine, but outside the browser. Hence, some necessary codecs need to be installed. Eventually of course, when you upgrade your operating system or when you buy a new machine, the codecs will be present by default. Just right now, this is what you have to do. As somewhat of a bonus (if you care that is), your machine may also end up being able to play video in the OGG Vorbis format. A fairly minor format perhaps, but maybe still useful for some users. The main thing is that once you get past the initial section about installing, the book has many HTML code examples of how to use the `<video>` tags, where the tags are instantiated with various options. It’s those options that you might need in practice, so just seeing concrete examples is helpful.

If you are interested in displaying HTML5 video on your website, and want to know all the intricacies and challenges, this is a great book to get you started. The book covers converting your video to different HTML5 compliant codecs and formats, how to embed it on a webpage, and how to handle different current browser and mobile issues when displaying video. An added bonus is that you will also learn how to add custom skinned controls to your video, and how to tie it together with jQuery for functionality. If you’re looking for comprehensive information about adding HTML5 video to your site, how to make it work with different browsers and mobile systems, or even how to skin/theme the controls, this book includes it all.

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