

1. Record Nr.	UNINA9910956962703321
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Titolo	Learning VirtualDub : the complete guide to capturing, processing, and encoding digital video // Georgios Diamantopoulos, Sohail Salehi, John Buechler
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (357 p.)
Collana	From technologies to solutions
Altri autori (Persone)	SalehiSohail BuechlerJohn
Disciplina	004.678
Soggetti	Digital video Signal processing - Digital techniques Coding theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Learning VirtualDub; Learning VirtualDub; Credits; About the Authors; Introduction; What This Book Covers; Conventions; Reader Feedback; Customer Support; Errata; Questions; 1. Introducing VirtualDub; What is VirtualDub?; The World of VirtualDub; Software; VDubMod; AviSynth; Users; About this Book; Installation Preview; About VirtualDub; What VirtualDub Can Do; Capturing Video with VirtualDub; VirtualDub's Early Development Years; Ongoing Development; About VDubMod; About AviSynth; Downloading and Installing VirtualDub; Additional Filters; VirtualDub Source Code Downloading and Installing VDubModDownloading and Installing AviSynth; Filters; Desktop Icons and Your Default Player; Summary; 2. Video Capture Equipment; Analog Video Resources; Digital Video Resources; The Nature of DV (Digital Video); Streaming Video; Different Types of Capturing Devices; Internal versus External Equipment; What to Buy; Installing Capturing Equipment; Connecting Video Resources to

the Capture Card; Final Tips and Optimizations for Better Video Capture; Summary; 3. Capture Preprocessing; Defining an Input Source for VirtualDub; File Settings; Audio Settings; Video Settings
Compressing Input Signals while CapturingCropping Videos; Removing Unwanted Noises from Videos; Reducing File Size; Unusual Resolutions and Formats; Histogram; Capture Settings; The Buffer; Saving Current Configurations for Future Reference; The Synchronization Problem; Chunks; Capture Duration Restrictions; Summary; 4. Processing with VirtualDub; VirtualDub Processing Functions; Append, Cut, Copy, and Paste; Filtering; Extraction of Stills; Sound Processing; Frame Rate Conversion; Field Interlace; External Processing and Frameserving; Example Processing; Summary; 5. Basic Functionality
AppendingExtracting Stills; Summary; 6. Video Filtering in VirtualDub; How Filters Work; Pipelines; Why is the Order Important; Built-In Filters; Smoothing and Blurring; Gaussian Blur; Smoothing; Motion Blur; Sharpen; Emboss; Flip; Rotate; Invert; Color Fill; Superimposing a Logo Image; Convolution; Grayscale and Black & White Video; Brightness/Contrast and Hue/Saturation/Value Adjustment; Cropping and Resizing; Black Bars Wrapping the Video; Cropping Black Bars from the Video; Resizing; Subtitles; Creating the Subtitles; Burning the Subtitles in your Video
Multiplexing Subtitles in AVI using AVIMux GUIExternal Subtitles; Adding More Filters to Your Collection; Summary; 7. Professional Video Editing; Installing a New Plug-in; Logo Removal Filters; Logo Removal with DeLogo; Removing Solid Elements from an Image; Removing Alpha-Blended Parts of a Frame; An Easier Way of Removing Logos; The Fastest Way of Removing a Logo with Logo Away; Using Other Logo Away Controls; More Convenience in Removing Logos; Putting Desired Information on the Video; Image Processing Filters; Decreasing Color Noise with CNR; The Algorithm Behind This Plug-in
Removing Shadows from Video

Sommario/riassunto

Get started fast, then master the advanced features of VirtualDub, the leading free Open Source video capture and processing tool
