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Titolo	BeagleBone media center : a practical guide to transforming your BeagleBone into a fully functional media center // David Lewin
Pubbl/distr/stampa	Birmingham, England : , : Packt Publishing, , 2015 ©2015
ISBN	1-78439-022-4
Descrizione fisica	1 online resource (164 p.)
Collana	Community Experience Distilled
Disciplina	629.8955262
Soggetti	Microcontrollers BeagleBone (Computer) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	<p>""Cover""; ""Copyright""; ""Credits""; ""About the Author""; ""About the Reviewers""; ""www.PacktPub.com""; ""Table of Contents""; ""Preface""; ""Chapter 1: Transforming your BeagleBone Black into a Media Server""; ""The choice that is not yours""; ""You'll still be restricted by their proposals""; ""You hardly manage your own content""; ""Your server, your rules""; ""Powerful and straightforward software installations""; ""Using dedicated hardware""; ""Looking at daily scenarios for media usage""; ""Down in the cave is a server without a head a€? headless servers""</p> <p>""Preparing BeagleBone to be a server""""Booting from an SD Card or flash (eMMC)""; ""Extending the root limitations on a fresh installation""; ""Extending your root's partition""; ""Let's get acquainted with our friend a€? MediaDrop""; ""MediaDrop installation steps""; ""BBB Debian a€? prerequisites""; ""Setting up a dedicated database""; ""Step 1 a€? set up a Python virtual environment""; ""Step 2 a€? installing MediaDrop""; ""Step 3 a€? basic configuration file""; ""Step 4 a€? copying content from the initial data""; ""Step 5 a€? filling the server database and contents""</p> <p>""Step 6 (optional) a€? full-text searching""""Testing time a€? ""Hello Server""""; ""Switching from development to production""; ""Let's take a walk in our new MediaDrop server""; ""Your first administrator action"";</p>

""General settings""; ""Site name""; ""Default language""; ""Appearance"";
""Categories""; ""Comments""; ""Notification e-mails""; ""Players"";
""Popularity""; ""Tags""; ""Upload""; ""File size limit""; ""Storage
engines""; ""Self-test questions""; ""Summary""; ""Chapter 2: Media
Management, Shares, and Social Activities""; ""How to use MediaDrop
through workflows""
""Why approvals are required""""Publishing your media""; ""Auto
administrated contents""; ""Administrator tasks""; ""Exploring different
ways to access your media""; ""Self-test questions""; ""Summary"";
""Chapter 3: Examples of Real-world Situations""; ""Introducing the
security role""; ""An everyday use case a€? a house in Springfield"";
""Defining your users list""; ""Understanding role attributions""; ""Group
management""; ""Applying groups and users""; ""Second use case a€?
media management in a company""; ""Managing policies and groups"";
""Self-test questions""; ""Summary""
""Chapter 4: Getting Your Own Video and Feeds""""Detecting the
hardware device and installing drivers and libraries for a webcam"";
""How to know your webcam""; ""Setting up your webcam""; ""Installing
and running MJPEG-Streamer""; ""Installing MJPG-Streamer""; ""Starting
the application""; ""Let's add some security""; """"I'm famous"" a€? your
first stream""; ""Using our stream across the network""; ""Starting the
streaming service automatically on boot""; ""Exploring new capabilities
to install""; ""Plugins""; ""Another tool for the webcam""; ""Configuring
RSS feeds with Leed""
""Creating the environment for Leed in three steps""

Sommario/riassunto

Whether you are a hobbyist or a professional, this book will get you
fully equipped to resolve the most commonly occurring media-related
challenges. If you want to expand your horizons beyond lighting an LED
and push the limits of your board, this is just the book for you.
Working knowledge of BeagleBone is assumed.
