# launchkey 37 beginners guide

launchkey 37 beginners guide is the ultimate resource for anyone looking to get started with the Novation Launchkey 37 MIDI keyboard controller. This guide covers everything you need to know, from unboxing and setup to mastering essential features and creative workflows. Whether you are new to MIDI controllers or eager to unlock the full potential of your Launchkey 37, this comprehensive article will provide step-by-step instructions, helpful tips, and answers to common questions. We'll explore connectivity, software integration, pad controls, arpeggiator functions, and best practices for beginners. By the end, you'll have a solid foundation to create music with confidence and efficiency. Dive in and discover why the Launchkey 37 is a favorite choice for aspiring producers and musicians.

- Getting Started with the Launchkey 37
- Unboxing and Hardware Overview
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### Getting Started with the Launchkey 37

The Launchkey 37 is a compact yet powerful MIDI keyboard controller designed for beginners and intermediate users. Ideal for music production and performance, the Launchkey 37 offers seamless integration with popular digital audio workstations (DAWs). This section introduces the basics, highlights what makes the Launchkey 37 unique, and outlines what you can expect as you start your musical journey.

With its 37 velocity-sensitive keys, intuitive control surface, and deep Ableton Live integration, the Launchkey 37 is a versatile tool for creating melodies, controlling virtual instruments, and triggering samples. Its

lightweight design makes it portable for studios and live setups alike, while its user-friendly layout ensures a quick learning curve for beginners.

### Unboxing and Hardware Overview

Unboxing your Launchkey 37 is an exciting first step. This section provides an overview of what you'll find in the box and explains the main physical features and controls.

#### What's Included in the Box

- Launchkey 37 MIDI keyboard controller
- USB cable for connectivity
- Getting Started guide and safety information
- Access codes for bundled software (often included)

#### Hardware Features and Controls

The Launchkey 37 features 37 full-size, velocity-sensitive keys, 16 RGB backlit pads, 8 rotary knobs, dedicated transport controls, pitch and modulation wheels, and faders. The controls are designed for intuitive use, allowing beginners to easily experiment with different sounds and functions.

Everything is clearly labeled and spaced for ease of use, making the Launchkey 37 ideal for hands-on music creation. The back panel includes a USB port for computer connection and a sustain pedal input for expressive playing.

### Connecting the Launchkey 37 to Your Setup

Properly connecting your Launchkey 37 is crucial for getting started. This section explains the process for both computer and mobile device integration.

## **Computer Connection**

To connect the Launchkey 37 to your computer, use the supplied USB cable. The controller is class-compliant, meaning it does not require additional drivers for Windows or macOS. Simply plug it in, and your DAW should recognize the device automatically.

#### Mobile Device Connection

The Launchkey 37 can also connect to iOS devices using a compatible USB adapter (such as Apple's Camera Connection Kit). This allows you to control mobile music apps and expand your creative possibilities on the go.

# **Essential Software Setup and Integration**

Maximizing the Launchkey 37's potential requires proper software setup. This section covers DAW integration and the bundled software that comes with the controller.

#### Integrating with Ableton Live

The Launchkey 37 is optimized for Ableton Live, providing out-of-the-box control over clip launching, mixer functions, and device parameters. After connecting, select Launchkey as your control surface in Ableton's preferences. The pads and controls will automatically map to key features, streamlining your workflow.

#### Using Other DAWs

Although designed for Ableton, the Launchkey 37 is compatible with other major DAWs such as FL Studio, Logic Pro, and Cubase. In these environments, you may need to manually assign MIDI controls, but the process is straightforward thanks to the controller's MIDI Learn functionality.

#### **Included Software Packages**

- Ableton Live Lite (for music creation)
- Novation Sound Collective (free sound packs and plugins)
- VST plugins and virtual instruments

Activating and installing these packages provides a solid foundation for beginners looking to create professional-sounding music.

### Understanding the Key Features for Beginners

The Launchkey 37 is packed with features tailored for beginners. This section breaks down the most important elements you should be familiar with as you start using the controller.

#### **Velocity-Sensitive Keys**

The 37 full-size keys respond dynamically to your playing, providing expressive control over virtual instruments. This feature is essential for creating realistic piano, synth, and instrument performances.

#### **RGB Backlit Pads**

The 16 RGB pads are ideal for triggering samples, launching clips, and programming drums. The color feedback helps keep you organized and visually connected to your DAW's session view.

#### Knobs, Faders, and Wheels

The rotary knobs, faders, pitch bend, and modulation wheels give you hands-on control over software parameters, mixer levels, and effects. This tactile experience is invaluable for beginners learning to shape sounds and automate performances.

# Using Pads, Faders, and Knobs

The Launchkey 37's pads, faders, and knobs are central to its workflow. Understanding their functions helps unlock creative potential.

#### **Pad Modes and Functions**

Pads can be used for drum programming, sample triggering, and clip launching. Switching between pad modes is simple and allows for dynamic performance techniques. Many DAWs offer customizable pad mapping for personalized setups.

#### Fader and Knob Assignments

Faders are typically used for volume and mixer control, while knobs can be assigned to adjust filter cutoff, resonance, effects, or synth parameters. Beginners can use MIDI Learn features within their DAW to assign these controls to virtually any parameter.

### Making Music with the Launchkey 37

Once setup is complete, you're ready to start making music. This section outlines a simple workflow for beginners and provides practical advice for composing, recording, and arranging tracks.

#### **Composing Melodies and Chords**

Experiment with the keys to write melodies and chords. Use the Arpeggiator to create rhythmic patterns and the Scale Mode to stay in key, making composition easier for beginners.

#### **Programming Drum Patterns**

Use the pads to lay down drum beats. The velocity sensitivity allows for dynamic grooves, and DAW quantization tools help keep everything in time.

### Recording and Arranging

Record your performances directly into your DAW, using the transport controls for hands-on operation. Arrange clips and tracks using the Launchkey 37's seamless integration with session view or timeline.

# Tips, Tricks, and Best Practices

To help beginners get the most from their Launchkey 37, here are some useful tips and best practices:

• Explore the included software and sound packs to expand your creative palette.

- Use Scale and Chord modes to simplify harmony and avoid wrong notes.
- Customize pad and knob assignments for your preferred workflow.
- Experiment with the Arpeggiator for instant rhythmic inspiration.
- Regularly update your firmware and software for the latest features.

Practicing regularly and experimenting with different controls will accelerate your learning and help you unlock new creative ideas.

### Frequently Asked Questions

This section addresses common questions for beginners using the Launchkey 37, ensuring a smoother learning experience.

#### What software do I need to use the Launchkey 37?

The Launchkey 37 comes with Ableton Live Lite and is compatible with most major DAWs. No additional drivers are needed for basic operation on Windows or macOS.

#### Can I use the Launchkey 37 without a computer?

While the Launchkey 37 is primarily designed for use with computers and mobile devices, it can control compatible hardware via USB-MIDI host devices. However, most features are accessible when connected to a DAW.

# How do I assign knobs and pads to control different functions?

Most DAWs feature a MIDI Learn function. Simply activate MIDI Learn in your software and move the desired knob or pad to assign it to a specific parameter.

### Is the Launchkey 37 good for live performance?

Yes, its intuitive controls, lightweight design, and RGB pads make it an

excellent choice for live performance, especially with session-based DAWs like Ableton Live.

#### Do I need a power adapter for the Launchkey 37?

No, the Launchkey 37 is USB bus-powered, drawing power directly from your computer or compatible device.

# Trending Questions and Answers about Launchkey 37 Beginners Guide

# Q: Is the Launchkey 37 suitable for absolute beginners in music production?

A: Yes, the Launchkey 37 is designed with beginners in mind. Its intuitive controls, clear layout, and bundled software make it accessible for those new to music production.

#### Q: What DAWs are compatible with the Launchkey 37?

A: The Launchkey 37 works seamlessly with Ableton Live, but it is also compatible with FL Studio, Logic Pro, Cubase, Reason, and other major digital audio workstations.

# Q: Can I use the Launchkey 37 with an iPad or iPhone?

A: Yes, the Launchkey 37 can connect to iOS devices using a compatible USB adapter, allowing you to control music apps like GarageBand and Launchpad.

### Q: Does the Launchkey 37 have built-in sounds?

A: No, the Launchkey 37 is a MIDI controller and does not produce sounds by itself. It controls software instruments on your computer or device.

### Q: How do I update the firmware on my Launchkey 37?

A: Visit Novation's official website, download the latest firmware updater for your model, and follow the provided instructions to update your device.

# Q: What is Scale Mode, and how does it help beginners?

A: Scale Mode allows you to set the keyboard to specific musical scales, making it easier to play in key and avoid wrong notes, which is especially helpful for beginners.

#### Q: Are the pads on the Launchkey 37 velocitysensitive?

A: Yes, the 16 RGB pads are velocity-sensitive, allowing for expressive drumming and dynamic sample triggering.

# Q: What is the difference between Launchkey 37 and other Launchkey models?

A: The Launchkey 37 features 37 keys, making it more compact than the 49 or 61-key models, but with all the same essential features and controls for music production.

# Q: Can I assign custom MIDI controls on the Launchkey 37?

A: Yes, you can assign custom MIDI controls to the knobs, pads, and faders using your DAW's MIDI Learn function or Novation Components software.

# Q: Do I need to install any drivers to use the Launchkey 37?

A: No, the Launchkey 37 is class-compliant and does not require additional drivers for Windows or macOS. It works plug-and-play for most setups.

#### **Launchkey 37 Beginners Guide**

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# Launchkey 37 Beginners Guide: Mastering Your MIDI Keyboard

Are you ready to unlock the world of music production but feeling overwhelmed by the technology? The Novation Launchkey 37 is a fantastic MIDI keyboard controller, perfect for beginners, offering seamless integration with popular DAWs (Digital Audio Workstations). This comprehensive Launchkey 37 beginners guide will walk you through everything you need to know, from setup and basic functionality to advanced techniques. We'll cover essential features, provide practical tips, and troubleshoot common issues, empowering you to confidently create and perform your music. Get ready to transform your musical journey!

### **Getting Started: Unboxing and Setup**

Before diving into the creative process, let's ensure your Launchkey 37 is correctly set up.

#### 1. Unboxing Your Launchkey 37:

Carefully remove your Launchkey 37 from its packaging. Check that you have all the necessary components, including the keyboard itself, the USB cable, and any included software or documentation.

#### 2. Connecting to Your Computer:

Use the included USB cable to connect your Launchkey 37 to your computer. Windows and macOS usually recognize the device automatically. If not, you might need to install the Novation Launchkey drivers, readily available on the Novation website.

### 3. Installing Novation Components:

Download and install the Novation software (like Components) that came with your Launchkey 37. This software is crucial for customizing your keyboard's settings and accessing advanced features. It also often includes access to virtual instruments and effects.

## **Understanding the Launchkey 37 Interface**

The Launchkey 37 boasts an intuitive layout, making it user-friendly for beginners.

#### 1. Keys and Pads:

The 37 mini-keys provide a comfortable playing experience, while the 16 velocity-sensitive pads offer dynamic control over drum sounds, MIDI clips, and more.

#### 2. Knobs and Faders:

The eight assignable knobs and faders allow for real-time adjustment of various parameters within your DAW. These are incredibly useful for tweaking effects, mixing levels, and shaping sounds.

#### 3. Transport Controls:

The dedicated transport controls (play, stop, record, etc.) allow for seamless DAW interaction without needing to use your mouse. This speeds up your workflow significantly.

#### 4. Shift Buttons:

The shift buttons unlock additional functions for the knobs, pads, and other controls, expanding the keyboard's versatility. Experimenting with these is key to uncovering hidden capabilities.

# Working with Your DAW: A Beginner's Workflow

The Launchkey 37 seamlessly integrates with popular DAWs such as Ableton Live, Logic Pro X, FL Studio, and Cubase.

## 1. Selecting Your DAW:

Open your chosen DAW software. Ensure it's set up to recognize MIDI input from your Launchkey 37. Your DAW should automatically detect it upon connection.

#### 2. Basic Control Mapping:

Familiarize yourself with how the Launchkey 37's knobs and faders are mapped within your DAW. This mapping can often be customized to suit your preferences. Most DAWs offer a straightforward interface for MIDI controller mapping.

#### 3. Recording MIDI:

Using the Launchkey 37, play your melodies and chords. The MIDI data will be recorded in your DAW, allowing you to edit and arrange your musical ideas later.

#### 4. Using the Pads for Drums or MIDI Clips:

Explore using the Launchkey's pads to trigger drum samples or launch MIDI clips in your DAW. This allows for creative and efficient beat-making and music sequencing.

# **Advanced Techniques and Tips**

Once you've grasped the basics, explore these advanced techniques to unlock the full potential of your Launchkey 37.

#### 1. Customizing MIDI Mapping:

Learn how to customize the MIDI mapping of your Launchkey 37 to match your workflow and preferred DAW. This allows for personalized control over parameters.

## 2. Using the Shift Function:

Experiment fully with the shift function to access secondary functionalities of the knobs, faders, and pads.

#### 3. Integrating with Virtual Instruments:

The Launchkey 37 works perfectly with virtual instruments (VSTs) and AU plugins. Explore different VIs to expand your sonic palette.

#### 4. Creating Custom Presets:

Save your preferred settings as custom presets for quick recall. This saves time and allows for efficient workflow.

# Conclusion

The Novation Launchkey 37 is a powerful yet accessible MIDI keyboard controller, ideal for both beginners and experienced musicians. By following this guide, you've taken the first steps toward mastering your keyboard and unleashing your musical creativity. Remember to experiment, explore, and most importantly, have fun!

# **FAQs**

- 1. Can I use the Launchkey 37 with my iPad? Yes, with the appropriate connection adapter (like a camera connection kit) and potentially additional software.
- 2. Does the Launchkey 37 require any special software besides the Novation drivers? While the Novation Components software is highly recommended, many DAWs will function with the Launchkey 37 without it, albeit with limited functionality.
- 3. What are the system requirements for the Launchkey 37? The system requirements vary slightly depending on your operating system (Windows or macOS), but generally, a reasonably modern computer with a USB port will suffice. Consult the Novation website for the most up-to-date specifications.
- 4. How do I update the firmware on my Launchkey 37? The Novation website provides detailed instructions and downloadable firmware updates for your specific Launchkey 37 model.
- 5. Can I use the Launchkey 37 with other DAWs besides the ones mentioned? Yes, the Launchkey 37 is compatible with a wide range of DAWs through standard MIDI protocol. You might need to configure the MIDI mapping within your chosen DAW.

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tackles what may be the toughest part of being a producer – being a diplomat, a confidant, and an amateur psychologist all at once. This edition also includes new chapters on self-production, small studio production, and how the new songwriter-producer and engineer-producer hybrids make money in our new digital music world. It also features several new interviews with some of the best-selling producers from different musical genres, who offer advice on getting started, getting paid, and making hits. Packed with inside information and including exclusive online media, The Music Producer's Handbook, Second Edition provides invaluable tools and advice that will help beginners and seasoned professionals alike. Item includes online resource.

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ages are welcome!

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language and the powerful Keras library. Written by Keras creator and Google AI researcher François Chollet, this book builds your understanding through intuitive explanations and practical examples. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Machine learning has made remarkable progress in recent years. We went from near-unusable speech and image recognition, to near-human accuracy. We went from machines that couldn't beat a serious Go player, to defeating a world champion. Behind this progress is deep learning—a combination of engineering advances, best practices, and theory that enables a wealth of previously impossible smart applications. About the Book Deep Learning with Python introduces the field of deep learning using the Python language and the powerful Keras library. Written by Keras creator and Google AI researcher François Chollet, this book builds your understanding through intuitive explanations and practical examples. You'll explore challenging concepts and practice with applications in computer vision, natural-language processing, and generative models. By the time you finish, you'll have the knowledge and hands-on skills to apply deep learning in your own projects. What's Inside Deep learning from first principles Setting up your own deep-learning environment Image-classification models Deep learning for text and sequences Neural style transfer, text generation, and image generation About the Reader Readers need intermediate Python skills. No previous experience with Keras, TensorFlow, or machine learning is required. About the Author François Chollet works on deep learning at Google in Mountain View, CA. He is the creator of the Keras deep-learning library, as well as a contributor to the TensorFlow machine-learning framework. He also does deep-learning research, with a focus on computer vision and the application of machine learning to formal reasoning. His papers have been published at major conferences in the field, including the Conference on Computer Vision and Pattern Recognition (CVPR), the Conference and Workshop on Neural Information Processing Systems (NIPS), the International Conference on Learning Representations (ICLR), and others. Table of Contents PART 1 - FUNDAMENTALS OF DEEP LEARNING What is deep learning? Before we begin: the mathematical building blocks of neural networks Getting started with neural networks Fundamentals of machine learning PART 2 - DEEP LEARNING IN PRACTICE Deep learning for computer vision Deep learning for text and sequences Advanced deep-learning best practices Generative deep learning Conclusions appendix A - Installing Keras and its dependencies on Ubuntu appendix B - Running Jupyter notebooks on an EC2 GPU instance

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**launchkey 37 beginners guide:** *Creating Sounds from Scratch* Andrea Pejrolo, Scott B. Metcalfe, 2017 Creating Sounds from Scratch is a practical, in-depth resource on the most common forms of music synthesis. It includes historical context, an overview of concepts in sound and hearing, and practical training examples to help sound designers and electronic music producers effectively manipulate presets and create new sounds. The book covers the all of the main synthesis

techniques including analog subtractive, FM, additive, physical modeling, wavetable, sample-based, and granular. While the book is grounded in theory, it relies on practical examples and contemporary production techniques show the reader how to utilize electronic sound design to maximize and improve his or her work. Creating Sounds from Scratch is ideal for all who work in sound creation, composition, editing, and contemporary commercial production.

launchkey 37 beginners guide: The Synthesizer Mark Vail, 2014-01-22 Electronic music instruments weren't called synthesizers until the 1950s, but their lineage began in 1919 with Russian inventor Lev Sergeyevich Termen's development of the Etherphone, now known as the Theremin. From that point, synthesizers have undergone a remarkable evolution from prohibitively large mid-century models confined to university laboratories to the development of musical synthesis software that runs on tablet computers and portable media devices. Throughout its history, the synthesizer has always been at the forefront of technology for the arts. In The Synthesizer: A Comprehensive Guide to Understanding, Programming, Playing, and Recording the Ultimate Electronic Music Instrument, veteran music technology journalist, educator, and performer Mark Vail tells the complete story of the synthesizer: the origins of the many forms the instrument takes; crucial advancements in sound generation, musical control, and composition made with instruments that may have become best sellers or gone entirely unnoticed; and the basics and intricacies of acoustics and synthesized sound. Vail also describes how to successfully select, program, and play a synthesizer; what alternative controllers exist for creating electronic music; and how to stay focused and productive when faced with a room full of instruments. This one-stop reference guide on all things synthesizer also offers tips on encouraging creativity, layering sounds, performance, composing and recording for film and television, and much more.

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signature, and tempo with only a few clicks \* Plug-ins, patches, and downloadable libraries of high-quality sound \* Changes to note pitch, length, velocity, and quantization \* Importing media, like MIDI files and film footage \* How to use audio regions to create the best possible arrangements \* Expert-level shortcut keys to speed up your sound production \* Control and automation options to refine your melody, chorus, and base \* Smart controls and effects like delay, distortion, and reverb \* Amps and pedals that mimic popular electric or bass guitar sounds \* The lessons section, where you can take classes in guitar and piano playing Part 2: Deep Dive into Everything You Learned in Part 1: \* Take the skills you learn in part one and refine them \* Discover how to use the software beyond its normal capabilities. \* Learn every feature the desktop or mobile application has to offer \* Create your own arrangements \* Possess all the tools you need to take on any project \* Includes an in depth tutorial on how to record quality sounds for any project ... and much more! Limited Time Only... Get your copy of GarageBand Basics today and you will also receive: \* Free SF Nonfiction Books new releases \* Exclusive discount offers \* Downloadable sample chapters \* Bonus content ... and more! Start making phenomenal sounds right now, because after reading this book, you'll be amazed at all the things you can do! Get it now.

launchkey 37 beginners guide: Holistic Engineering Education Domenico Grasso, Melody Burkins, 2014-11-28 Holistic Engineering Education: Beyond Technology is a compilation of coordinated and focused essays from world leaders in the engineering profession who are dedicated to a transformation of engineering education and practice. The contributors define a new and holistic approach to education and practice that captures the creativity, interdisciplinarity, complexity, and adaptability required for the profession to grow and truly serve global needs. With few exceptions today, engineering students and professionals continue to receive a traditional, technically-based education and training using curriculum models developed for early 20th century manufacturing and machining. While this educational paradigm has served engineering well, helping engineers create awe-inspiring machines and technologies for society, the coursework and expectations of most engineering programs eschew breadth and intellectual exploration to focus on consistent technological precision and study. Why this dichotomy? While engineering will always need precise technological skill, the 21st century innovation economy demands a new professional perspective that recognizes the value of complex systems thinking, cross-disciplinary collaborations, economic and environmental impacts (sustainability), and effective communication to global and community leaders, thus enabling engineers to consider the whole patient of society's needs. The goal of this book is to inspire, lead, and guide this critically needed transformation of engineering education. Holistic Engineering Education: Beyond Technology points the way to a transformation of engineering education and practice that will be sufficiently robust, flexible, and systems-oriented to meet the grand challenges of the 21st century with their ever-increasing scale, complexity, and transdisciplinary nature. -- Charles Vest, President, National Academy of Engineering; President Emeritus, MIT This collection of essays provides compelling arguments for the need of an engineering education that prepares engineers for the problems of the 21st century. Following the National Academy's report on the Engineer of 2020, this book brings together experts who make the case for an engineering profession that looks beyond developing just cool technologies and more into creating solutions that can address important problems to benefit real people. -- Linda Katehi, Chancellor, University of California at Davis This superb volume offers a provocative portrait of the exciting future of engineering education...A dramatically new form of engineering education is needed that recognizes this field as a liberal art, as a profession that combines equal parts technical rigor and creative design...The authors challenge the next generation to engineering educators to imagine, think and act in new ways. -- Lee S. Shulman, President Emeritus, The Carnegie Foundation for the Advancement of Teaching and Charles E. Ducommun Professor of Education Emeritus, Stanford University

**launchkey 37 beginners guide:** Deep Learning for Coders with fastai and PyTorch Jeremy Howard, Sylvain Gugger, 2020-06-29 Deep learning is often viewed as the exclusive domain of math PhDs and big tech companies. But as this hands-on guide demonstrates, programmers comfortable

with Python can achieve impressive results in deep learning with little math background, small amounts of data, and minimal code. How? With fastai, the first library to provide a consistent interface to the most frequently used deep learning applications. Authors Jeremy Howard and Sylvain Gugger, the creators of fastai, show you how to train a model on a wide range of tasks using fastai and PyTorch. You'll also dive progressively further into deep learning theory to gain a complete understanding of the algorithms behind the scenes. Train models in computer vision, natural language processing, tabular data, and collaborative filtering Learn the latest deep learning techniques that matter most in practice Improve accuracy, speed, and reliability by understanding how deep learning models work Discover how to turn your models into web applications Implement deep learning algorithms from scratch Consider the ethical implications of your work Gain insight from the foreword by PyTorch cofounder, Soumith Chintala

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launchkey 37 beginners quide: Making Music Dennis DeSantis, 2015

launchkey 37 beginners guide: Facing Forward Sajitha Bashir, Marlaine E. Lockheed, Elizabeth Ninan, Jee-Peng Tan, 2018 This publication offers a clear perspective on how to improve learning in basic education in Sub-Saharan Africa, based on extremely rigorous and exhaustive analysis of a large volume of data. The authors shine a light on the low levels of learning and on the contributory factors. They have not hesitated to raise difficult issues, such as the need to implement a consistent policy on the language of instruction, which is essential to ensuring the foundations of learning for all children. Using the framework of From Science to Service Delivery the book urges policy makers to look at the entire chain from policy design, informed by knowledge adapted to the local context, to implementation.

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