

full body workout for hypertrophy

A Comprehensive Guide to Full Body Workouts for Hypertrophy

Understanding the Fundamentals of Hypertrophy

full body workout for hypertrophy is a powerful strategy for individuals aiming to maximize muscle growth and achieve a well-rounded physique. This approach leverages compound movements to stimulate multiple muscle groups simultaneously, leading to greater overall muscle activation and hormonal response conducive to anabolism. Unlike split routines that isolate specific muscle groups on different days, a full body program targets the entire musculature in each training session, offering significant advantages for both beginners and advanced trainees seeking efficient and effective muscle hypertrophy. This article will delve into the science behind full body training for muscle growth, outline effective program structures, discuss exercise selection, programming variables, and provide practical tips for optimizing your hypertrophy journey.

- Understanding the Fundamentals of Hypertrophy
- The Science Behind Full Body Workouts for Muscle Growth
- Designing Your Full Body Hypertrophy Program
- Key Exercise Selection for Full Body Routines
- Optimizing Training Variables for Hypertrophy
- Nutrition and Recovery for Full Body Hypertrophy
- Sample Full Body Hypertrophy Workout Routines
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The Science Behind Full Body Workouts for Muscle Growth

Muscle hypertrophy, the increase in the size of muscle fibers, is primarily driven by mechanical tension, muscle damage, and metabolic stress. Full body workouts are exceptionally effective at eliciting these stimuli across a broad range of muscle groups within a single session. By engaging large muscle masses with compound exercises, the body releases a greater surge of anabolic hormones like testosterone and growth

hormone, which play a crucial role in muscle repair and growth. Furthermore, training the entire body frequently promotes greater overall protein synthesis rates throughout the week, contributing to consistent muscle gains.

The frequency of training also plays a significant role in hypertrophy. Full body routines typically allow for training each muscle group two to three times per week, which has been shown to be more optimal for muscle protein synthesis than training a muscle group only once per week, as often seen in traditional bodybuilding splits. This increased frequency allows for more frequent exposure to growth stimuli, translating into more efficient and substantial muscle development over time. The synergistic effect of stimulating multiple muscle groups simultaneously also leads to a more significant metabolic disturbance, further contributing to the hypertrophic response.

Designing Your Full Body Hypertrophy Program

A well-designed full body hypertrophy program prioritizes compound movements that recruit the most muscle fibers. The frequency of training, typically three days per week with at least one rest day in between each session (e.g., Monday, Wednesday, Friday), is a common and effective approach. This allows for adequate recovery while still providing sufficient stimulus for growth. The total volume of work for each muscle group within the week is paramount, and a full body routine distributes this volume across multiple training days.

When structuring your workouts, it's essential to balance the anterior and posterior muscle chains to ensure symmetrical development and prevent imbalances. Prioritizing larger, multi-joint exercises at the beginning of the workout when energy levels are highest is crucial for maximizing the stimulus on major muscle groups. As the workout progresses, isolation exercises can be incorporated to target specific muscle groups for additional volume and metabolic stress. The overall goal is to create a challenging stimulus that pushes the muscles to adapt and grow.

Workout Frequency and Structure

For hypertrophy, training each muscle group multiple times per week is generally more effective than a single high-volume session. A full body workout typically targets all major muscle groups in each session. A common and highly effective frequency is three non-consecutive days per week, such as Monday, Wednesday, and Friday. This allows for approximately 48 hours of recovery for each muscle group between sessions, which is sufficient for muscle repair and growth.

The structure of each workout should begin with compound exercises that work multiple muscle groups simultaneously. This maximizes the hormonal response and metabolic stress. Following the major compound lifts, accessory or isolation exercises can be added to further target specific muscle groups or address any weaknesses. The total number of exercises per workout will vary based on experience level, but focusing on quality over

quantity is essential. Ensuring that each session is challenging and progressive is key to long-term hypertrophy.

Progressive Overload Strategies

Progressive overload is the cornerstone of muscle hypertrophy. Without continuously challenging your muscles, they will not adapt and grow. In a full body context, this means systematically increasing the demand placed on your muscles over time. This can be achieved through various methods:

- Increasing the weight lifted.
- Increasing the number of repetitions performed with the same weight.
- Increasing the number of sets performed.
- Decreasing rest times between sets.
- Improving exercise form and range of motion.
- Increasing training frequency (within limits).

For full body workouts, focusing on adding weight or reps to compound lifts is often the most effective way to drive progress. Consistency in tracking your workouts allows you to identify when and how to apply these progressive overload strategies. Regularly reviewing your training log will help you stay on track and ensure continuous adaptation.

Key Exercise Selection for Full Body Routines

The selection of exercises is paramount for an effective full body hypertrophy program. Compound movements are king, as they engage a larger number of muscle fibers, stimulate greater hormonal release, and allow for the manipulation of heavier loads, all of which are critical for muscle growth. These multi-joint exercises work multiple muscle groups synergistically, leading to more efficient training and a greater overall hypertrophic stimulus.

When choosing exercises, aim to cover all major movement patterns: pushing (horizontal and vertical), pulling (horizontal and vertical), squatting, hinging, and carrying. This ensures a balanced development of the entire musculature, reducing the risk of imbalances and promoting a well-proportioned physique. Incorporating both free weight and machine exercises can be beneficial, offering variety and allowing for different training stimuli.

Lower Body Compound Exercises

For lower body hypertrophy within a full body program, the squat and hinge patterns are essential. The barbell back squat is a foundational exercise that powerfully stimulates the quadriceps, hamstrings, glutes, and lower back. Variations like the front squat and goblet squat can also be valuable. The deadlift, in its various forms (conventional, sumo, Romanian), is another cornerstone, heavily engaging the posterior chain, including the hamstrings, glutes, and erector spinae, while also working the upper back and traps.

Lunges and split squats are excellent unilateral exercises that improve balance, address muscular imbalances, and provide a significant hypertrophic stimulus to the quads, hamstrings, and glutes. Leg press machines can be a good alternative or supplementary exercise for targeting the quadriceps and glutes with less axial loading. Hamstring curls and calf raises can be added as isolation movements to further develop these specific muscle groups if needed.

Upper Body Compound Exercises

Upper body compound exercises are crucial for building a strong and muscular physique. For pushing movements, the bench press (barbell or dumbbell) targets the chest, anterior deltoids, and triceps. Overhead press variations (barbell or dumbbell) are essential for developing the shoulders, particularly the anterior and medial deltoids, and also engage the triceps and upper chest. Dips are another powerful compound exercise for the chest, shoulders, and triceps.

For pulling movements, the barbell row and dumbbell row are excellent for targeting the back muscles, including the latissimus dorsi, rhomboids, and traps, as well as the biceps. Pull-ups and chin-ups are superior bodyweight exercises for building a wide back and strong biceps, providing a significant hypertrophic stimulus. Lat pulldowns are a good machine alternative if full range of motion pull-ups are not yet achievable.

Accessory and Isolation Exercises

While compound movements form the foundation of any full body hypertrophy program, accessory and isolation exercises can be strategically incorporated to address specific muscle groups, enhance volume, and create metabolic stress. These exercises are typically performed after the main compound lifts when energy levels are lower. For example, after squats and deadlifts, exercises like leg extensions can be used to isolate the quadriceps, and hamstring curls for the hamstrings.

Following bench presses and overhead presses, exercises like dumbbell flies can target the chest for a more focused stretch and contraction, and lateral raises can isolate the medial deltoids for shoulder width. For the back, exercises like face pulls can strengthen the rear deltoids and upper back, and bicep curls and triceps extensions can be added for

direct arm development. The selection of accessory exercises should be tailored to individual needs and recovery capacity.

Optimizing Training Variables for Hypertrophy

Beyond exercise selection and frequency, several training variables must be carefully managed to maximize hypertrophy in a full body program. These include the intensity of effort, the repetition range, the volume of sets and reps, and the rest periods between sets. Manipulating these variables allows for a tailored approach to stimulate muscle growth effectively.

Understanding how to manipulate these variables ensures that the training stimulus remains effective over time. Without attention to these details, even a well-structured program can stall, leading to plateaus in progress. Continuous adjustment and thoughtful application of these principles are key to sustained gains.

Repetition Ranges and Intensity

For hypertrophy, the optimal repetition range generally falls between 6 and 15 repetitions per set. This range balances the benefits of mechanical tension (achieved with heavier loads in lower rep ranges) and metabolic stress (more pronounced in higher rep ranges). However, training to or very near muscular failure within this range is crucial. This means performing repetitions until you can no longer complete another full, proper repetition.

The intensity refers to how heavy the weight is relative to your one-repetition maximum (1RM). For hypertrophy, working with weights that allow you to hit your target rep range while maintaining good form is essential. For example, if your target is 8-12 reps, you should select a weight that makes it challenging to complete the 12th rep, and potentially impossible to do more than 13-14 with good form. This ensures sufficient mechanical tension and muscle fiber recruitment.

Training Volume and Set Structure

Training volume, typically measured as sets x reps x weight, is a significant driver of hypertrophy. For full body workouts, the goal is to achieve sufficient weekly volume for each muscle group without compromising recovery. A common starting point for each muscle group is around 10-15 challenging sets per week, which can be increased gradually as training progresses and recovery capacity improves.

In a full body workout, this volume is distributed across multiple exercises targeting different muscle groups. For example, a workout might include 3 sets of squats, 3 sets of bench press, 3 sets of rows, and then 2 sets each of accessory exercises. The total number of sets per workout will typically range from 12-20 working sets, depending on the

individual's training experience and recovery ability. Ensuring that each set is taken close to muscular failure is more important than simply accumulating a high number of sets.

Rest Periods Between Sets

The duration of rest periods between sets can influence both performance and the metabolic stress experienced during a workout. For hypertrophy, rest periods typically range from 60 to 120 seconds. Shorter rest periods (e.g., 60 seconds) can increase metabolic stress, while longer rest periods (e.g., 90-120 seconds) allow for better recovery between sets, enabling you to lift heavier weights for more repetitions, thus increasing mechanical tension.

For compound exercises where heavier loads are used and more muscle groups are involved, longer rest periods are generally recommended to ensure adequate recovery and maintain performance. For isolation exercises, shorter rest periods may be more appropriate to increase the metabolic stress component. The key is to rest long enough to perform the next set with good form and similar intensity, but not so long that the overall workout duration becomes excessively long, potentially hindering recovery.

Nutrition and Recovery for Full Body Hypertrophy

Muscle growth is a complex process that requires not only effective training but also adequate nutrition and recovery. Without proper fuel and time for repair, even the most rigorous full body workout for hypertrophy will yield suboptimal results. Therefore, understanding the interplay between training, diet, and rest is crucial for maximizing muscle gains.

Focusing on these foundational aspects ensures that the body has the resources it needs to rebuild and grow muscle tissue. Neglecting any one of these pillars can significantly hinder progress and lead to frustration. Consistency across all three is the pathway to success.

Protein Intake for Muscle Synthesis

Protein is the building block of muscle tissue. Consuming an adequate amount of protein is essential for muscle repair and growth, especially when engaging in frequent, full-body training sessions. The general recommendation for individuals aiming for muscle hypertrophy is to consume between 1.6 and 2.2 grams of protein per kilogram of body weight per day.

Distributing protein intake evenly throughout the day, with meals and snacks containing a good protein source, can help maintain a positive nitrogen balance, which is conducive to muscle protein synthesis. Sources of high-quality protein include lean meats, poultry, fish,

eggs, dairy products, legumes, and plant-based protein powders.

Caloric Surplus and Macronutrient Balance

To build new muscle tissue, the body generally needs to be in a caloric surplus, meaning it consumes more calories than it expends. This surplus provides the energy needed for the anabolic processes involved in muscle growth. A modest caloric surplus of 250-500 calories per day above maintenance is typically recommended to promote muscle gain while minimizing excess fat accumulation.

In addition to protein, carbohydrates are vital for providing energy for workouts and replenishing glycogen stores. Aim for complex carbohydrates like whole grains, fruits, and vegetables. Healthy fats are also important for hormone production and overall health. The precise macronutrient breakdown can vary, but a common guideline for hypertrophy is approximately 40-50% carbohydrates, 25-30% protein, and 20-30% fats.

Sleep and Rest for Muscle Repair

Muscle repair and growth primarily occur during sleep. Therefore, adequate sleep is non-negotiable for maximizing hypertrophy. Most adults require 7-9 hours of quality sleep per night. During sleep, the body releases growth hormone, which plays a significant role in tissue repair and regeneration. Insufficient sleep can impair muscle recovery, reduce performance, and negatively impact hormonal balance.

Rest days are equally important. They allow muscles to recover from the stresses of training and adapt. A full body program typically includes rest days between training sessions, which is crucial for preventing overtraining and allowing for supercompensation – the process where muscles grow back stronger than before. Active recovery, such as light walking or stretching, can be beneficial on rest days but should not be so strenuous as to impede muscle repair.

Sample Full Body Hypertrophy Workout Routines

To illustrate how a full body hypertrophy program can be structured, here are a couple of sample routines. These are templates and should be adjusted based on individual experience, recovery capacity, and specific goals. Remember to always prioritize proper form and listen to your body. Consistency and progressive overload are key to making any program effective.

These sample routines provide a solid framework for implementing a full body workout for hypertrophy. They emphasize compound movements and sufficient volume to stimulate muscle growth across the entire body. As you progress, you can modify these routines by swapping exercises, adjusting rep ranges, or increasing the overall volume.

Workout A (Example)

- Barbell Back Squat: 3 sets of 6-10 repetitions
- Barbell Bench Press: 3 sets of 6-10 repetitions
- Barbell Rows: 3 sets of 8-12 repetitions
- Overhead Press: 3 sets of 8-12 repetitions
- Romanian Deadlift: 3 sets of 10-15 repetitions
- Bicep Curls (Dumbbell or Barbell): 3 sets of 10-15 repetitions
- Triceps Pushdowns: 3 sets of 10-15 repetitions

Workout B (Example)

- Deadlift: 1 set of 5 repetitions (focus on heavy weight with perfect form) followed by 2 sets of 8-12 repetitions with lighter weight.
- Incline Dumbbell Press: 3 sets of 8-12 repetitions
- Pull-ups or Lat Pulldowns: 3 sets of 8-12 repetitions (or as many as possible for pull-ups)
- Dumbbell Lunges: 3 sets of 10-12 repetitions per leg
- Dumbbell Lateral Raises: 3 sets of 12-15 repetitions
- Hamstring Curls: 3 sets of 10-15 repetitions
- Calf Raises: 3 sets of 15-20 repetitions

Common Mistakes to Avoid

When implementing a full body workout for hypertrophy, certain common mistakes can hinder progress and even lead to injury. Being aware of these pitfalls allows for proactive adjustments and a more effective training journey. Prioritizing proper technique, listening to your body, and being patient are crucial for long-term success.

Avoiding these common mistakes will significantly improve the effectiveness of your full body hypertrophy program and contribute to safer, more sustainable muscle growth. Remember that consistency and a well-rounded approach to training, nutrition, and recovery are the most important factors.

Overtraining and Under-recovery

One of the most significant mistakes is pushing too hard without allowing adequate recovery. While progressive overload is essential, it must be balanced with sufficient rest. Overtraining can manifest as persistent fatigue, decreased performance, increased susceptibility to illness, and mood disturbances. Full body workouts, due to their frequency, can be demanding. Ensure you are getting enough sleep, proper nutrition, and at least one full rest day between sessions.

Neglecting Proper Form

Prioritizing heavy weight over proper form is a recipe for injury and ineffective muscle stimulation. When performing full body routines, especially with compound lifts, maintaining correct technique is paramount. This ensures that the target muscles are properly engaged and reduces the risk of compensatory movements that can lead to strains or sprains. Always prioritize learning and executing each exercise with perfect form before increasing the weight.

Inconsistent Training and Nutrition

Muscle hypertrophy is a long-term process that requires consistent effort. Sporadic training sessions or inconsistent dietary habits will significantly slow down progress. For a full body workout for hypertrophy to be effective, you need to adhere to your training schedule regularly and maintain a nutrient-dense diet that supports muscle growth. Consistency in both training and nutrition is key to achieving your desired results.

Ignoring Weaknesses and Imbalances

A well-rounded physique requires attention to all muscle groups. In a full body program, it's easy to gravitate towards exercises you enjoy or excel at, potentially neglecting weaker areas. Regularly assess your physique for imbalances and adjust your exercise selection to address them. This might involve adding specific accessory exercises or focusing on improving form on certain compound movements.

Failure to Progressively Overload

As mentioned previously, muscle growth plateaus occur when the stimulus from training remains constant. If you are not consistently trying to lift slightly more weight, perform more reps, or increase the volume over time, your muscles have no reason to adapt and grow larger. Track your workouts diligently and implement progressive overload strategies to ensure continuous progress.

A full body workout for hypertrophy is a highly effective strategy for building muscle mass efficiently. By understanding the principles of muscle growth, carefully designing your program, selecting the right exercises, and optimizing training variables, you can unlock your body's potential. Coupled with proper nutrition and recovery, a consistent full body approach can lead to significant and sustainable muscle development, creating a strong, well-proportioned physique.

The journey to achieving significant muscle hypertrophy with a full body approach is rewarding and achievable with dedication and intelligent programming. By consistently applying the principles of progressive overload, ensuring adequate protein intake and caloric surplus, and prioritizing quality sleep and recovery, you are setting the stage for substantial gains. Remember that individual responses can vary, so listen to your body, adjust as needed, and enjoy the process of building a stronger, more muscular you.

Frequently Asked Questions about Full Body Workouts for Hypertrophy

Q: How many days per week should I do a full body workout for hypertrophy?

A: For optimal hypertrophy with a full body workout, training 2-3 days per week with at least one rest day between sessions is generally recommended. This allows for sufficient frequency to stimulate muscle protein synthesis while providing adequate recovery time.

Q: What are the best compound exercises for a full body hypertrophy program?

A: The best compound exercises include variations of squats (e.g., barbell back squat, front squat), deadlifts (e.g., conventional, Romanian deadlift), bench presses (e.g., barbell bench press, incline dumbbell press), overhead presses (e.g., barbell overhead press, dumbbell overhead press), and rows (e.g., barbell row, dumbbell row), as well as pull-ups or lat pulldowns.

Q: Is a full body workout for hypertrophy good for beginners?

A: Yes, a full body workout for hypertrophy is excellent for beginners. It allows them to learn fundamental movement patterns with all major muscle groups, build a solid foundation of strength, and benefit from higher training frequency which can lead to faster initial gains.

Q: How much weight should I lift for hypertrophy in a full body workout?

A: For hypertrophy, you should lift a weight that allows you to complete 6-15 repetitions per set with good form, taking each set close to muscular failure. This typically means using a weight that is about 70-85% of your one-repetition maximum (1RM).

Q: Should I do cardio on days I do full body workouts for hypertrophy?

A: It is generally advisable to separate intense cardio sessions from your full body hypertrophy workouts, or perform them on rest days, to ensure you have enough energy for your lifting sessions and to prioritize muscle recovery. Light cardio or active recovery on rest days can be beneficial.

Q: How long should my rest periods be between sets for hypertrophy?

A: For hypertrophy, rest periods typically range from 60 to 120 seconds. Longer rest periods (90-120 seconds) are generally better for compound exercises to allow for better recovery and performance, while shorter periods (60-90 seconds) can be used for isolation exercises to increase metabolic stress.

Q: Can I build muscle with a full body workout if I have limited time?

A: Absolutely. Full body workouts are highly time-efficient because they work multiple muscle groups simultaneously. By focusing on compound movements, you can get a comprehensive stimulus for muscle growth in a shorter amount of time compared to body part splits.

Q: What is the role of protein in a full body workout for

hypertrophy?

A: Protein is crucial as it provides the amino acids necessary for muscle repair and growth after training. Consuming adequate protein, typically 1.6-2.2 grams per kilogram of body weight, supports muscle protein synthesis and helps achieve hypertrophy goals.

Q: How do I know if I am progressing with my full body hypertrophy program?

A: You can track progress by noting increases in the weight lifted, the number of repetitions performed with the same weight, improvements in exercise form, or even physical changes like increased muscle size. Consistent logging of your workouts is essential for monitoring progress.

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Schoenfeld, Brad, 2016-05-05 Written by Brad Schoenfeld, PhD, a leading authority on muscle hypertrophy, Science and Development of Muscle Hypertrophy provides strength and conditioning professionals, researchers, and instructors with a definitive resource for information regarding muscle hypertrophy.

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Luís Branquinho, Ronaldo Vagner Thomatieli dos Santos, José E. Teixeira, Elias de França, Pedro Miguel Forte, Ricardo Ferraz, 2025-01-29 Resistance Training - Bridging Theory and Practice explores the multifaceted benefits of resistance training. It highlights its profound impact on health, recovery, and overall well-being, making it indispensable for athletes and individuals with specific health conditions. Adequately prescribed and executed, resistance training enhances physical functionality, prevents chronic diseases, accelerates recovery, and promotes mental health across all life stages. Grounded in the latest scientific evidence, this book offers a comprehensive guide for sports science and health professionals, covering fundamental principles, innovative approaches, and therapeutic applications. It underscores the crucial interplay of training, recovery, and nutrition in optimizing results for diverse populations. For athletes, resistance training becomes a cornerstone of peak performance, tailored to seasonal demands and specific sports. It emerges as a powerful rehabilitative tool for those with health challenges, fostering recovery and quality of life. The book explores the role of resistance training in addressing conditions like age-related diseases, mental health disorders, and even complex issues such as pulmonary hypertension and bone metastases. It advocates for a holistic approach that integrates exercise, nutrition, and recovery, emphasizing sustainable and individualized solutions. Whether you're seeking to refine training methodologies or discover innovative strategies for contemporary challenges in elite sports and rehabilitation, this book provides the knowledge and inspiration to bridge the gap between theory and practice, ensuring resistance training is a transformative tool for health, performance, and longevity.

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Anita Bean, 2015-09-24 The Complete Guide to Strength Training is the ultimate resource for anyone wanting to increase strength and re-sculpt their body. This updated 5th edition includes: - New exercises and workouts - Brand new photos, and detailed descriptions of more than 100 exercises - Programmes for increasing strength, muscle and explosive power - Fat loss workouts - Bodyweight-based workouts - Plyometric training - Up to date cutting edge nutrition and supplementation advice for gaining muscle and reducing fat Featuring proven training programmes and evidence-based nutritional guidance it delivers comprehensive workouts for beginners, intermediates and elite athletes.

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Brad Kolowich, Jr., 2025-04-16 The Bodyweight Blueprint offers over 70 simple and effective workouts, 86 exercises, and 39 stretches that rely on your weight instead of equipment. Regardless of age, fitness level, or experience, learn how to incorporate bodyweight exercises and build a more resilient body.

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but also help prevent knee, hip, and lower back pain and injuries. Bret went on to earn a doctorate in sports science and is now known as one of the world's foremost experts on strength and physique training. After helping thousands of people reach their strength goals and achieve their ideal physique in his world-renowned training facilities, Bret brings you Glute Lab, which pulls his field-tested and scientifically proven methods and techniques together into an all-in-one glute training system that will help you develop leaner, rounder, stronger, higher-performing glutes. This all-encompassing guide explains why glute training is important for health and performance, how the glutes function, what critical role they play in the body, and how to design the optimal training program to accomplish your aesthetic and performance goals. This book offers thirty-six weeks of programming and several training templates for those who want to dive right in, breaking down each technique with step-by-step photos and descriptions. Bret also reveals the most common faults people make when performing these movements and offers hundreds of tips for getting the most out of every training session. You can implement his system in your local gym or even in the comfort of your own home. Glute Lab is more than just a book on glute training. These principles and methods can help you maximize muscle growth and strength, improve body composition, overcome training and physique plateaus, train around injuries and discomfort, determine ideal training frequency and exercise selection, design periodized programs, and so much more. In short, this book gives you the tools to make strength and physique gains and design balanced programs that cater to a wide range of goals and work for your entire body. Whether you're a regular person looking to improve your appearance, an athlete looking to boost your performance, a physique competitor or bodybuilder looking for an edge over the competition, a powerlifter looking to increase your strength, a CrossFitter inspired to gain knowledge, a personal trainer interested in offering your clients cutting-edge training techniques, or a physical therapist looking to improve your clients' health, Glute Lab will equip you with the information you need. In this book you will learn:

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