



Walkable
Bikeable  **Delaware**

How to Make Delaware
the **Most Bicycle Friendly**
State in America



May 1, 2014
Dover

Partners

"Making Delaware the most bicycle friendly state in America is the work of many hands, and the same is true of today's summit. The 2014 Walkable Bikeable Delaware Summit is made possible by the commitment of its partners and sponsors (listed on page 12)." — James Wilson, Executive Director, Bike Delaware

The American Heart Association is devoted to saving people from heart disease and stroke – America's No. 1 and No. 4 killers. We team with millions of volunteers to fund innovative research, fight for stronger public health policies, and provide lifesaving tools and information to prevent and treat these diseases. The Dallas-based association is the nation's oldest and largest voluntary organization dedicated to fighting heart disease and stroke.



American Heart Association®

Bike Delaware is Delaware's independent, non-profit, membership-supported statewide citizen advocacy group whose mission is to make bicycling a safe, convenient and fun transportation option in Delaware.



The **Delaware Department of Natural Resources and Environmental Control** is an agency of the state of Delaware. Its mission is to protect and manage the state's vital natural resources, protect public health and safety, provide quality outdoor recreation and to serve and educate the citizens of the First State about the wise use, conservation and enhancement of Delaware's Environment.



The **Delaware Department of Transportation** (DelDOT) is an agency of the state of Delaware. The department's responsibilities include maintaining most of the state's public roadways as well as operating the state's main transit system (the Delaware Transit Corporation).



Delaware Department of Transportation

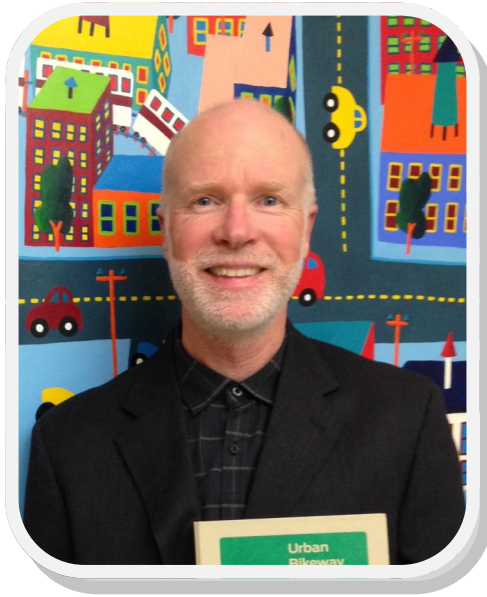
Delaware Greenways is a non-profit organization committed to healthy, vibrant, sustainable communities throughout the First State. We promote open space protection, trail and pathway development, the advancement of public health through the active use of outdoor resources, design and investment in sustainable communities, and the engagement of an informed public.



Sussex Outdoors is a project based on Community Partnerships to Promote Active Use and the Development of the Built Environment in Delaware.



Keynote Speakers



Robert Burchfield
City Traffic Engineer
City of Portland

Rob has nearly three decades of experience in municipal traffic engineering. For the last 28 years he has worked for the City of Portland where he is now the City Traffic Engineer. Rob manages the Traffic and Parking Operations as well as Active Transportation programs. He has led a number of innovative initiatives in the course of his career at the City, including Portland's Bicycle Program, Safe Routes to School, as well as road diet and traffic calming projects.

Rob enjoys working in the multi-modal transportation 'laboratory' that Portland has created. His daily work creates opportunities to enhance operations and safety for bicycles, pedestrians, streetcars, LRT, buses and motor vehicles. Rob is willing to innovate and he feels that doing thorough and sound technical work is the key to turning good ideas into successful designs.

In 2008 Rob was a delegate on a Portland Metro/German Marshall Fund-sponsored study tour of Amsterdam and Copenhagen. That experience was a catalyst for introducing innovative bikeway designs such as bike boxes, cycle tracks, and bicycle signals into Portland's bikeway system. His leadership spurred the development of the NACTO Urban Bikeway Design Guide and he has provided technical guidance throughout its development.



Marni Ratzel
Senior Transportation Planner
City of Boulder

Marni is a senior transportation planner with the City of Boulder Colorado. Since 2001, she has enjoyed being part of the Transportation Division's GO Boulder team of planners that make it easier to get around town the Boulder way to go – by walking, bicycling or riding the bus. A frequent bus and bicycle commuter herself, Marni encourages others to integrate bicycling and walking into their daily routine as viable and efficient transportation modes. She also works with community members and project managers to design and install enhancements that support biking and walking options in Boulder. As part of the City's Transportation Master Plan Update, Marni is currently working to create more opportunity for women, older adults and families to feel confident and comfortable as bicyclists and walkers. Marni earned her Masters in City and Regional Planning from Rutgers University in May 1994. She has over 19 years of experience in municipal government, including six years serving the New York City Department of Transportation as a project manager, assistant bicycle program director, and Brooklyn borough planner. Marni hails from upstate New York and New England. She has enjoyed such adventures as sky diving, climbing the cables of the Brooklyn Bridge, and most recently, bicycling with her husband and two sons.

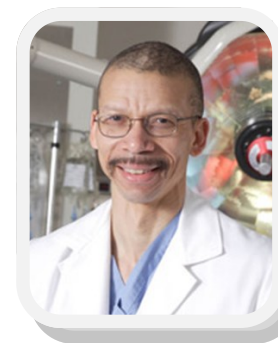
Bios



Shailen Bhatt serves as Cabinet Secretary for the Delaware Department of Transportation. His responsibilities consist of managing the day-to-day operations of the state's transportation system including transit, motor vehicles, project construction, maintenance, planning, IT and HR functions. He is also charged with directing a billion dollar budget and nearly 2,800 employees. Bhatt's background includes working on transportation issues at the local, state and federal levels. Prior to his confirmation by the Delaware State Senate as Secretary, he served as an Associate Administrator at the Federal Highway Administration (FHWA) in Washington, DC. In this role, he was charged with setting policy and managing relationships with members of Congress and leading the FHWA's efforts in reauthorizing the nation's surface transportation legislation. At FHWA, Bhatt played a key role in establishing an initiative on accelerated project delivery called Every Day Counts.

Before joining FHWA, Bhatt served as a Deputy Executive Director with the Kentucky Transportation Cabinet (KYTC) where he was responsible for advancing transportation projects and addressing regional transportation needs. During his time at KYTC, he helped oversee a record construction letting period for the state. Prior to that, he was Director of the Bowling Green/Warren County Metropolitan Planning Organization. Bhatt is a graduate of Western Kentucky University with a Bachelor of Arts in Economics.

Bhatt currently serves on AASHTO, Board of Directors and Chairs the Standing Committee on Public Transportation; Diamond State Port Corporation, Board of Directors; Northeast Corridor Commission, Co-Chair to Communication and Public Outreach Committee; and State Smart Transportation Initiative, Advisory Committee.



Ray A. Blackwell, M.D. joined Christiana Care's Heart Surgery Team in 1996. Following graduation from Glastonbury Connecticut High School's A Better Chance Program, Dr. Blackwell continued his education at Dartmouth College and Dartmouth Medical School. He trained in General Surgery at Beth Israel Medical Center in New York City and Cardiothoracic Surgery at Emory University in Atlanta, Georgia. His areas of interest include acquired adult cardiovascular diseases, robotics, blood conservation, arterial revascularization, atrial fibrillation, heart failure, ECMO (extracorporeal life support) and ventricular assist devices. He is board certified in Thoracic Surgery.

Dr. Blackwell is a member of several professional societies, including the Society of Thoracic Surgeons, Southern Thoracic Surgical Society, American Medical Association and Medical Society of Delaware. He is a Fellow of the American College of Surgeons, American College of Cardiology and American College of Chest Physicians. Other professional activities include serving as a board member of Christiana Care Health Services, President of the Board of the New Castle County American Heart Association, a councilor of the Delaware Chapter of the American College of Surgeons, Vice Chair of the Delaware Medical Education Foundation and Co-Chair of the Diversity and Inclusion Committee and Health Care Equity Committee. He previously served on the Board of Medical Licensure and Discipline and the Physician Assistant Advisory Council.

Dr. Blackwell is married and has three daughters. He is involved in multiple competitive sports, but is most involved with track competition. He holds several American and World Records for age group competition. Other interests include genealogy, outdoor sports, history and aviation.



Andy Clarke was appointed to the position of Executive Director at the League of American Bicyclists in April of 2004 after successfully leading efforts to create, interpret and implement the various transportation programs that are available to improve conditions for bicycling and walking as the League's State and Local Advocacy Director. Before joining the League in February 2003, Clarke was on contract to provide technical assistance to the highly regarded Pedestrian and Bicycle Information Center on site at the Federal Highway Administration. In addition to his strong policy background, Clarke has managed a range of bicycle and pedestrian planning projects at the state and metropolitan levels and has worked extensively with state and local advocacy groups. Clarke is a 1984 graduate of the University of Birmingham, United Kingdom with an undergraduate degree in Law. He is on the Board of Directors for America Bikes, and a member of the Association of Pedestrian and Bicycling Professionals.

Bios



Peter Furth is a Professor of Civil Engineering at Northeastern University, where he does research in transit operations analysis, traffic signal control, and bicycle transportation. He has published more than 50 papers and book chapters. He has taught bicycle facility design in courses and workshops since 2007, including summer courses in the Netherlands introducing American students to Dutch urban planning and bikeway design. His bicycle-related research projects include studying the safety of along-road bike paths in Montreal, mapping existing and potential greenways in the Boston area, network analysis of low-stress bicycle routes in San Jose (CA), and analyzing the operational characteristics of different bike lane configurations. He invented the Bicycle Priority Lane marking used in Massachusetts and in Minneapolis, and is a contributing author to the Bikeway Design Guide published by the National Association of City Transportation Officials. He developed the bicycle network plan for Brookline, MA, and has participated in the design of many bikeways (bike paths and bike lanes) in the Boston area. Furth earned his BS, MS, and PhD degrees from the Massachusetts Institute of Technology. He is active with the Transportation Research Board; the Association of Pedestrian and Bicycle Professionals; the American Society of Civil Engineers; the Institute of Transportation Engineers; the Boston Cyclists Union; the Massachusetts Bicycle Coalition; and the bicycle advisory committees of Boston and Brookline.



Valerie J. Longhurst was first elected to the Delaware House of Representatives in November 2004 to represent the 15th District, which consists of 20,000 people living in Bear, Delaware City and St. Georges. In 2008, she was elected as House Majority Whip. After the 2012 election, her caucus elected her House Majority Leader. Representative Longhurst is currently chair of the House Administration, Ethics and Rules committees, and serves on the Telecommunications, Internet and Technology committee. She plays an important role in many local and national organizations, including: Democratic Legislative Campaign Committee Board member, National Conference of State Legislators- Women's Network Advisory Council member, Revenue and Budget Standing Committee member, Redistricting and Elections Task Force member, Council for State Governments Budget and Revenue Standing Committee member, Bear-Glasgow Family YMCA Board member, Police Action League Board member, Community Involvement Advisory Board member, Delaware Sports Commission Advisory Council member.



Jack Markell is the Governor of Delaware and has led Delaware through the worst national recession since the Great Depression. Prior to being elected Governor, he served three consecutive terms as State Treasurer, winning his last re-election with an overwhelming 70 percent of the vote.

In announcing his ambitious First State Trails and Pathways Plan in October of 2011, Governor Markell said: *"My goal is to make Delaware walkable and bikeable, so more of us can enjoy the great Delaware outdoors. We can create a network of bicycle and pedestrian trails by building on existing pathways and trails. We create jobs and connect communities across the state and at the same time, expand recreational and transportation opportunities for Delawareans and visitors."*



Rob McCleary is Chief Engineer and Director of the Division of Transportation Solutions at DelDOT, a 450 person strong division dedicated to the operation and improvement of Delaware's transportation infrastructure. Rob's division strives to provide mobility options for Delaware's citizens, improve the safety of our roadway network, reduce congestion and delay for travelers, minimize the environmental impact of our transportation system, and extend the service life of our transportation investments to get the most out of every dollar spent. Rob has 27 years of civil and environmental engineering experience in both the private and public sectors including a broad background in road and bridge design, drainage, and stormwater management. Since 1993, Rob has managed many program areas at DelDOT in a wide variety of project development and support functions including environmental compliance and permit acquisition, utility coordination, right of way plan review, construction claims, roadside beautification, land surveying, constructability reviews, and contract scheduling and timing. Rob is a Professional Engineer in Delaware and holds a Bachelor of Civil Engineering from the University of Delaware. Rob is married with 3 children and is an avid cyclist and bike commuter.

Bios



Tim Mitchell is the Bicycle and Pedestrian Program Manager for the Minnesota Department of Transportation (MnDOT) and has been in the position since the beginning of 2009. In this role he supervises a staff which has responsibilities for design specifications, planning and policy development for non-motorized forms of transportation, the delivery of the Safe Routes to School Program and management and operations of three parking facilities in downtown Minneapolis.

Before coming to MnDOT, Tim spent three years with the Federal Highway Administration in the Minnesota Division Office where he focused on metropolitan planning, review and approval of environmental documents and stewardship of several small discretionary programs including Transportation Enhancements, Scenic Byways, Recreational Trails Program, the Non-Motorized Transportation Pilot Program and several others. Prior to arriving at FHWA, Tim spent seven years with the Minnesota Department of Natural Resources where he held several positions including GIS specialist for the State Park system, Trail Grant Program Coordinator, and State Snowmobile and Cross-Country Ski Program Coordinator.

Tim lives in Rochester, Minnesota and enjoys spending his free time outdoors, on his bike and with his three young children.



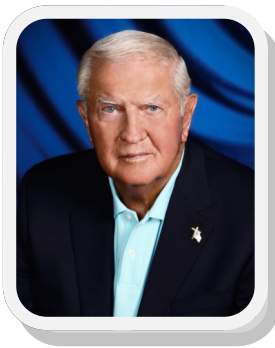
Collin O'Mara serves as Secretary of the Environment and Energy for Delaware Governor Jack Markell. In this role, he serves as the chief steward of Delaware's natural resources and leads the state's efforts to improve air quality, ensure access to clean water, remediate contaminated sites, reduce flood damage, expand youth outdoor experiences, and restore wildlife habitat.

Since joining the administration, Secretary O'Mara has worked to modernize Delaware's energy sector with a focus on reducing pollution, stabilizing costs, improving reliability, and seizing economic development opportunities. He has negotiated the shutdown of the most polluting coal units in the state and is helping to facilitate a wide range of renewable energy projects and energy efficiency initiatives.

Under the Governor's leadership, Secretary O'Mara has spearheaded a range of innovative initiatives, including the First State Trails and Pathways Plan, which will help establish Delaware among the most bike and pedestrian friendly state in the nation, the Delaware Bayshore Initiative, which will help establish the region as a world-class conservation and low-impact recreation destination, and the No Child Left Inside/ Children In Nature campaign, which is a comprehensive strategy to confront childhood obesity.

In addition, Secretary O'Mara has led the largest investment in environmental infrastructure in the state's history, including more than \$200 million in wastewater and storm water systems, beach restoration, dam and dike repair, drainage projects, and park and wildlife area upgrades—all projects intended to prepare Delaware for current and emerging challenges.

He and his wife, Lindsay, live in Wilmington with their daughter, Riley Elizabeth.

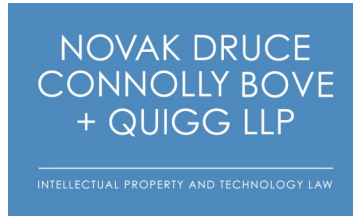


Robert L. Venables has represented the 21st District in the Delaware State Senate since 1988. His district covers southwestern and central Sussex County and includes the communities of Seaford, Blades, Laurel, Delmar, Gumboro and portions of rural Georgetown, Millsboro, Dagsboro, and surrounding areas. Senator Venables serves as chair of the Senate Bond Bill and Small Business committees and is a member of the Agriculture, Community and County Affairs, Energy & Transit and Natural Resources and Environmental Control committees.

In 2011, Bob was the author and prime Senate sponsor of Senate Concurrent Resolution #13, known as "Walkable Bikeable Delaware."

Bob is a successful businessman, a dedicated fisherman, an outdoorsman with a firm commitment to preserving Delaware's quality of life, and an animal lover. He is a family man, a man deeply committed to serving his district – through his church, through civic groups and through helping others. In addition to government service, Bob serves on the boards of Nanticoke Memorial Hospital and Carvel Gardens, a non-profit organization that operates low to moderate cost housing.

Bicycle Friendly Delaware Sponsor



Wilmington, Delaware – For six years, Pernell Vaughan has walked to his job as senior e-records coordinator at the Wilmington, Delaware offices of the IP boutique [Novak Druce Connolly Bove + Quigg LLP](#).

"I enjoy walking to work because I don't have to worry about traffic," said Vaughan. "I also don't have the expense of paying for fuel, which is both good for my wallet and the environment."

As Vaughan's experience shows, walking and bicycling are not only healthy outdoor activities, but they also add vibrancy to a local community, reduce traffic congestion, save on fuel costs and improve the environment. That's why Novak Druce is helping to make Delaware one of the most bike-friendly states in the U.S. by sponsoring the [2014 Walkable Bikeable Delaware Summit](#). Sussex Outdoors, Bike Delaware, Delaware Greenways, the American Heart Association, the Delaware Department of Transportation and the Delaware Department of Natural Resources and Environmental Control will host the event, which will take place in Dover on May 1.

"We are delighted to support Bike Delaware with this initiative because they are not only a firm client but also have achieved impressive results in promoting cycling and walking in the state," said Christina Hillson, a trademark attorney in Novak Druce's Wilmington office. "With just a small budget, they have established Delaware as one of the most bicycle-friendly states in the country, and we are proud to join with them and build on their success."

At last year's summit, the League of American Bicyclists ranked Delaware the 5th most bicycle-friendly state in America and the most [bicycle-friendly state east of the Mississippi River](#).

Vaughan originally started walking to work because his house was just down the street from the office. When he moved, he chose a place close to work that allowed him to continue his walking routine because of the exercise and relaxation it affords him.

"It costs me more to live closer to work, but at that point, it was very important to me that I continue to be able to walk to the office," said Vaughan.

About Novak Druce Connolly Bove + Quigg LLP

Novak Druce Connolly Bove + Quigg LLP is a rapidly growing IP firm focused exclusively on complex intellectual property matters. The firm has offices in Houston; San Francisco; Silicon Valley; Los Angeles; Washington, D.C.; Boston; West Palm Beach, Fla.; and Wilmington, Del. With a renowned patent reexamination practice, Novak Druce was most recently named to World Trademark Review's "WTR 1000 Guide" and to the 2014 "Best Law Firms" rankings, published by U.S. News Media Group and Best Lawyers. The firm was also named to the National Law Journal's 2013 "IP Hot List" and its "Midsize Hot List" in 2011 and 2012. Since 2008, the firm has been listed by IP Today as a top U.S. trademark firm and a top patent firm and was named one of the top "Go To" patent law firms in the 2012 Corporate Counsel "Who Represents America's Biggest Companies" survey. On Jan. 1, 2013, Novak Druce formally merged with Connolly Bove, which frequently ranked among the top U.S. law firms for patent litigation by Corporate Counsel magazine, ranking as high as 19th in overall cases filed in 2012.



Upcoming Events

Delaware DoubleCross

Sunday, July 6, 2014
Ride across Delaware and back,
mostly flat terrain (31 & 62 mi)

Shorefire Century

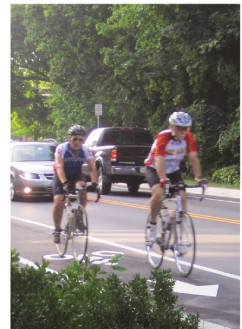
Saturday, August 16, 2014
Ride Central Delaware countryside
Flat to rolling (35,65,100 mi)

Savage Century

Saturday, October 11, 2014
Ride most scenic & hilly routes
Start in Newark (40,60,75,100 mi)

www.whiteclaybicycleclub.org

We Proudly Support 2014 Walkable Bikeable Delaware Summit



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Complete Streets

Context Sensitive Solutions

Bicycle Master Planning

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Green Infrastructure

Safe Routes to Schools

Bicycle Facility Design

Pedestrian Safety Improvements

ADA Compliance

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PASSED UNANIMOUSLY BY DELAWARE HOUSE ON MAY 12, 2011
PASSED UNANIMOUSLY BY DELAWARE SENATE ON MAY 10, 2011

DELAWARE STATE SENATE
146th GENERAL ASSEMBLY

SENATE CONCURRENT RESOLUTION NO. 13

WHEREAS, the Department of Transportation has in recent years made a significant effort to provide facilities for walking and bicycling using monies provided through federal programs such as the Transportation Enhancement Program, the Safe Routes to School Program, and the Hazard Elimination Program; and
WHEREAS, the future of these programs with respect to federal funding is uncertain; and
WHEREAS, there are other types of federal funds that can be used for walking and bicycling; and
WHEREAS, funds from a wide variety of other State, local government, and private sources can be similarly used; and
WHEREAS, the General Assembly believes that the capital expenditures of the Department of Transportation for various transportation modes should be approximately proportional to the use of those modes in Delaware; and
WHEREAS, there are large gaps in our transportation system where it is difficult, or even dangerous, for pedestrians and bicycle users to travel; and
WHEREAS, safe routes for walking and bicycling are especially important for transit riders, young people, seniors, travelers with disabilities, and casual and inexperienced bicycle users; and
WHEREAS, walking and bicycling are cost-effective transportation options for providing people with the mobility and access they need for daily life; and
WHEREAS, safe options for reducing transportation costs can provide essential flexibility for Delaware families that may need to cut costs in their household budgets when faced with unexpected changes in their economic circumstances; and
WHEREAS, rising fuel prices are expected to make the availability of cost-effective transportation options even more important in the future; and
WHEREAS, safe, non-motorized, transportation options can serve as an inexpensive insurance policy for the Delaware economy to help buffer the effects of oil price shocks and can help to reduce our dependence on foreign oil; and

WHEREAS, safe and enjoyable walking and bicycling routes can attract tourists to the State of Delaware and can spur economic development; and

WHEREAS, Delaware is facing a public health crisis with nearly two-thirds of adults and almost 40% of children in Delaware classified as overweight or obese; and

WHEREAS, the life expectancy of this generation of Delawareans may be less than the previous generation for the first time in our history if these health trends are not reversed; and

WHEREAS, providing safe opportunities to walk and bicycle for transportation and recreation promotes physical activity, which helps maintain a healthy weight and prevent heart disease, type 2 diabetes, and other chronic diseases.

NOW THEREFORE:

BE IT RESOLVED by the Senate of the 146th General Assembly of the State of Delaware, the House of Representatives concurring therein, that the Delaware Department of Transportation shall be responsible for leading the effort, working in conjunction with the Counties and Municipalities, Metropolitan Planning Organizations and other State agencies such as the Department of Natural Resources and Environmental Control, to plan, prioritize and fund the timely construction and maintenance of interconnected systems or networks of walkways and bikeways with special focus on connecting centers of population with destinations such as workplaces, schools, residences, businesses, recreation areas and other community activity centers in order to provide safe, convenient, cost-effective and healthy mobility via walking and bicycling;

BE IT FURTHER RESOLVED, that in these efforts the Department of Transportation shall create multi-use paths for pedestrian and bicycle user travel within and between cities and towns in Delaware on independent right-of-way outside of the right-of-way of existing roadways;

BE IT FURTHER RESOLVED, that the Department of Transportation is requested to identify funds for strategic investments in creating and maintaining walkways and bikeways in addition to the funds provided for paving and other routine maintenance and separate from the funds provided to design and build general purpose road projects that include transportation facilities for walking and bicycling as required by Executive Order and the Department's "Complete Streets" policy or through such programs as Transportation Enhancements and Safe Routes to School;

BE IT FURTHER RESOLVED, that the Department of Transportation shall report annually to the Bond Committee as part of its proposed capital budget regarding the progress that has been made in the previous year to design and construct interconnected networks of walkways and bikeways.

SYNOPSIS

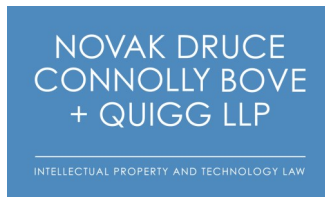
This Senate Concurrent Resolution directs the Department of Transportation to expand its efforts to create contiguous systems or networks of walkways and bikeways within and between cities and towns in Delaware in order to provide travelers with the opportunity for safe, convenient, cost-effective and healthy transportation via walking and bicycling.

Author: Sen. Venables

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