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# Brick Journal

Issue 45 • May 2017  
people • building • community

*Anuradha Pehrson's  
Pyke Castle!*

*Fernanda Rimini's  
Microscale Models!*

*Breann  
Sledge's  
Bionicle  
Builds!*

*Instructions  
and MORE!*

*Spotlighting  
Female LEGO  
Builders!*

*Birgitte  
Jonsgard's  
LEGO Art!*

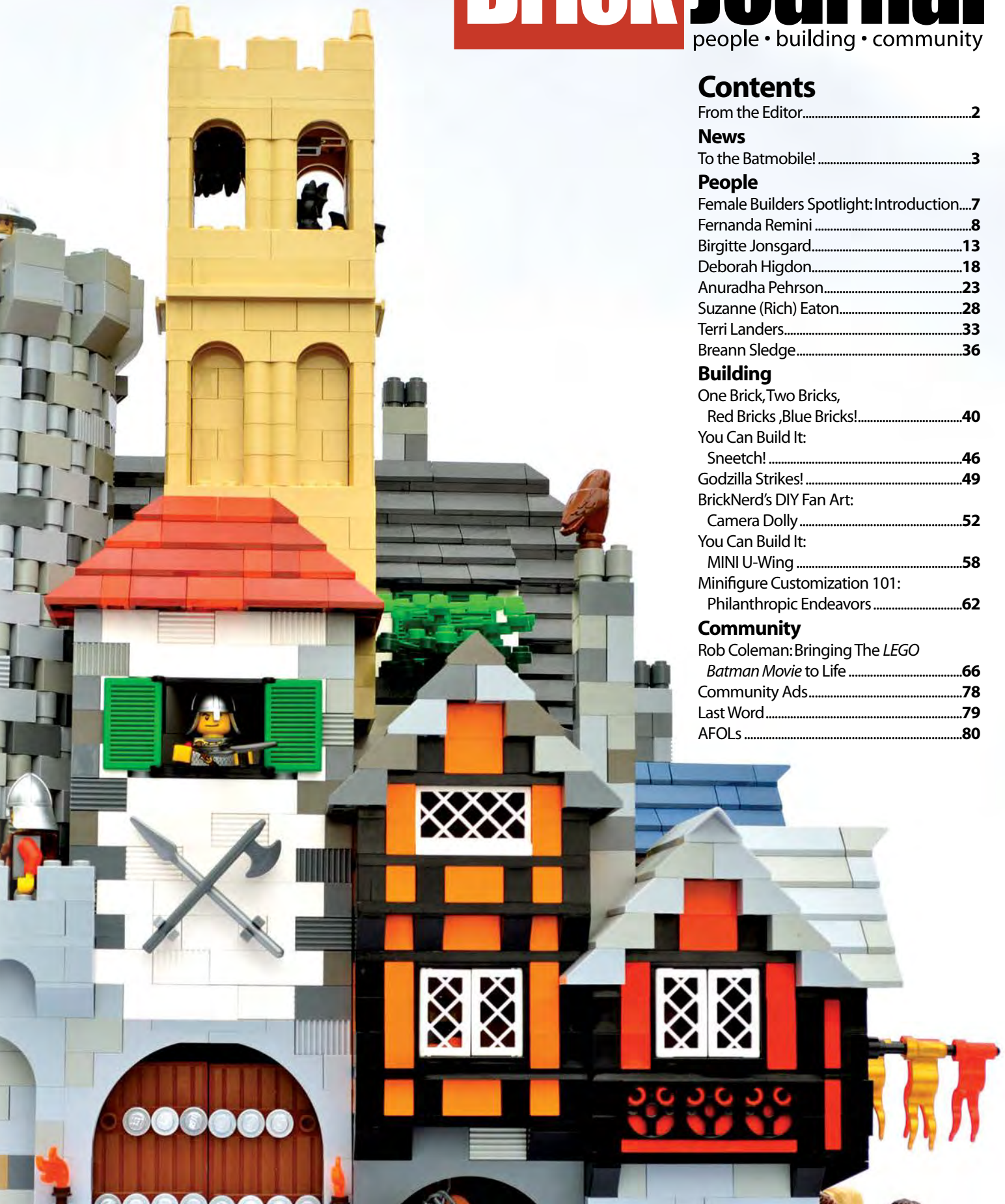


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*The Batmobile in Detroit.*

# To the Batmobile: Building the Speedwagon

*Article by Joe Meno*

On January 14, 2017, a new vehicle was unveiled in Detroit at the North American International Car Show. However, it wasn't an upcoming model or concept car. It was vehicle for an upcoming film *The LEGO Batman Movie*, due out a couple of weeks later. The vehicle was the Batmobile, or as Batman calls it, "The Speedwagon." Flanked by children from the local community, the car quickly became an online celebrity with photos and video going viral within hours after revealing it. But how did it get there and how was it made? What is the story behind the Speedwagon? Well, the story starts in Enfield, Connecticut with LEGO Master Builder Erik Varszegi a few months before. In a phone interview, he talked about the model.

## Starting Up

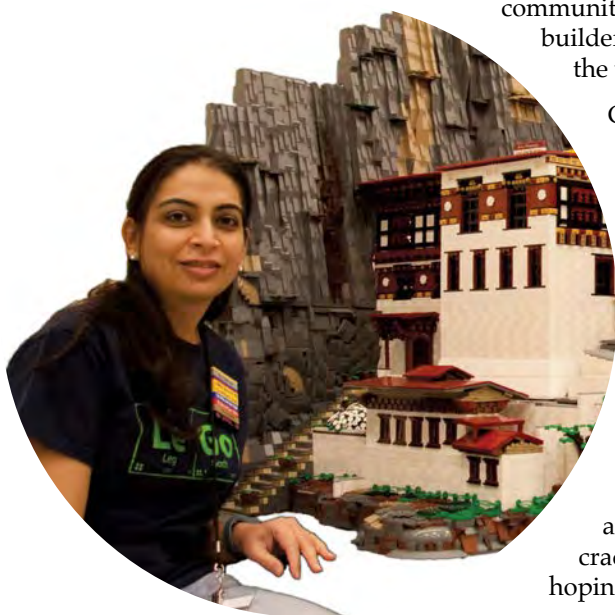
The idea to build a vehicle came from Chevrolet, who signed up to be a sponsor for the movie in 2016. Initial ideas for the vehicle were discussed during early summer. Erik explained, "The original concept of the car [with] Warner Brothers and Chevrolet was that it was going to be an actual LEGO representation of one of Chevy's real cars. It was going to be a Chevy Traverse at first, but tricked out to look like Batman got his hands on it, so it was going to be all in black, and there were going to be Batfins and stuff on top of this Chevy SUV, with red windscreens and bats on the tires, maybe even some kind of armor and stuff like that all over the car." However, it became apparent that the car wasn't quite LEGO enough. The decision was made to recreate a vehicle from the movie.

The problem was that this was before trailers were out for the movie, so there was no clear idea of which vehicle was going to be chosen to be built. Batman has a lot of different vehicles, so Erik needed to know which one to build. To find out, he got some virtual models of the things in the trailers and started asking which vehicle to use. He had to build the vehicle, but in order to do that, he had to know which vehicle was the main Batmobile in the film.

# Female Builders Spotlight

## Introduction

Only a few female builders are written about and highlighted on their own merit. Many times they get overlooked because either they are online lurkers, build smaller MOCs, don't build 'pop culture' or popular themes, or are building with their spouses/children so don't do much building of their own. At Brickcon this year, I also realized that many women hide their hobby from their friends and family. The ladies highlighted in this issue are from various countries, have great builds, and a few of them have been part of the LEGO community for a long time and have seen changes over the years. From these builders we can see new and old perspectives and views from around the world.



Gender should not be a factor in highlighting or writing about a builder—no one has written an article 'highlighting male builders'—but the truth is this is a male-dominated hobby. As a result, I think it becomes necessary in some way to bring attention to the fact that there are a number of very good female builders who follow their inspirations and who don't necessarily build Elves, Friends, or build in 'pink and purple'. Hopefully, this will inspire other women and young girls to build any genre that inspires them, and pursue their artistic lead. Also, when parents see that there are a number of us that are building and publishing our work, they may also encourage their daughters to build more.

Generally, on online forums, when people see a MOC they automatically think it's built by a male builder. I wish to make a crack in that thinking process. So again, by writing about all of us, I'm hoping a few more female builders 'come out'.

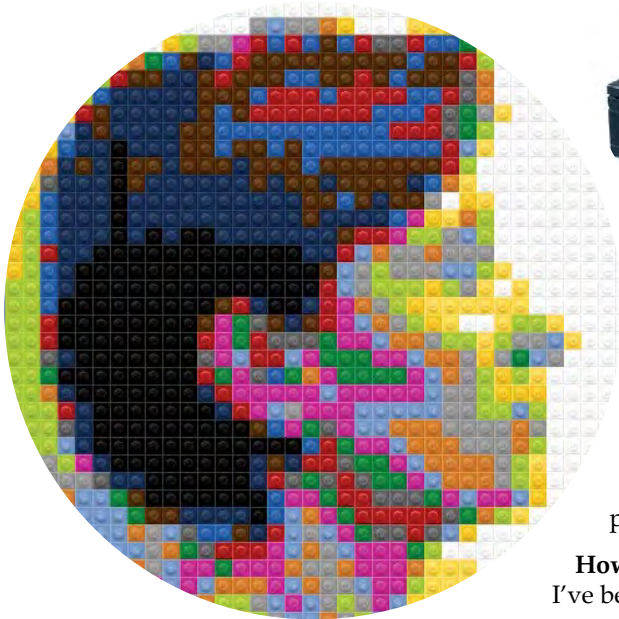
I'm not sure if this feature will achieve any of these things, but it'll be my contribution in that direction...

—Anuradha Pehrson,  
Guest Editor



## People

# Female Builders Spotlight



## Fernanda Rimini

### What genre or theme do you like to build?

At the moment I'm essentially a builder of architecture and microscale LEGO MOCs, but I have built lots of vignettes in the past.

### How long have you been building?

I've been building, as an adult, for about 13-14 years now.

### Tell us a little about your background.

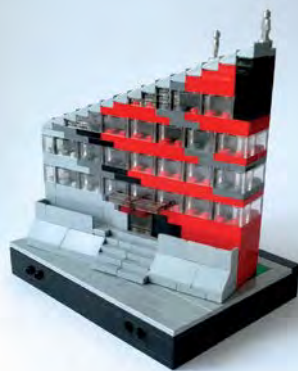
I have a degree in Physics and I'm lucky enough to work in research—Nuclear Fusion research, to be precise. But I don't make bombs. I'm Italian but my job brought me to the UK, the USA, then to France, and now back in the UK.

### When and how did you start building?

I'm a child of the Sixties, so LEGO was the toy of choice when I grew up. I remember building houses; very traditional, red bricks and windows with green blinds. And lights—I had a few precious, transparent bricks with a little light bulb inside, to be connected to a battery. At some point I got the "LEGO family", so I started building to their size. Then came the Dark Ages and my mum gave my huge box of LEGO away. Centuries later I had kids of my own, started them off with Duplo and LEGO, built with them for a while until I realized that, actually,

## Casa Milan

One of my most recent builds, this is the headquarters of the AC Milan Football Club. It happens to be just across the road from my parent's flat. I followed with curiosity the progress of this building and the result, with its striking stripes in the colors of the football shirts, did not disappoint.



## People

# Female Builders Spotlight



## Birgitte Jonsgard

### What genre or theme do you like to build?

I try to avoid specializing within a theme, but ideas for creatures and buildings with interiors and surroundings seem to pop up in my head more often than others.

### Tell us a little about your background.

I have a Master's degree in biology and am currently working as a high school teacher.

### When and how did you start building?

Five years ago I came across an article on the Internet with photos of some pretty impressive architecture models. I had no idea LEGO was used in this way by adults, and immediately realized this was the perfect hobby. As a child I loved playing with LEGO, and I was pretty sure it would still be great fun. The LEGO boxes were retrieved from my mother's attic; I discovered Bricklink and started putting bricks together.

### What keeps you going?

The joy of getting an idea and turning it into an object.

### Why did you pick this/these genres to build?

I think the things we build reflect our interests and personalities. You can get to know a lot about a person by looking at how they choose to

## Still Life

With the still life photo I tried to recreate the lush look of those old paintings of tables overflowing with food and kitchenware. I built a small table and arranged food items and objects that appear on these paintings. The frame came later. While sorting I noticed I had a large selection of parts in gold, and was curious about how an all-gold object would look. A gilded frame was the first thing that crossed my mind. When finished, it was obvious what to use it for. And they kind of belong together, both new, cheap plastic versions of exclusive and expensive objects.



## People

# Female Builders Spotlight



### Building Style

Furniture design is sometimes inspired by something I've seen (usually on the 'Net), or a particular piece of LEGO. I have drawers of sorted "small bits", the smallest pieces of LEGO, that usually would not go together in sorting categories, but they're the size I might need when creating miniature models. Perusing them will sometimes inspire furniture designs, but keeping an eye on styles/eras will also help when creating furniture.



## Deborah Higdon

### What genre or theme do you like to build?

Predominantly architecture and design, furniture and real-life articles.

### Tell us a little about your background.

I have a degree in Italian literature and English as a second language education. I am now a retired teacher—kindergarten, computer, library, ESL (English as a Second Language).

### When and how did you start building?

I discovered it at age 7 at a family friend's house and couldn't get enough. I got a little bit as a child, started buying it for nieces and nephews as an adult, then for myself at age 40, only to discover the online adult community a few years later.

### What keeps you going?

Traveling for inspiration and reading design blogs. Wanting to design new pieces, figuring out new techniques to replicate building features, furniture designs, and using pieces in unconventional ways.

### Why did you pick this/these genres to build?

I wanted to be an architect or interior designer at a young age. I was always



People

# Female Builders Spotlight



## Anuradha Pehrson

**How long have you been building?**  
As an adult builder, since 2001.

**What genre or theme do you like to build?**  
World Architecture is a passion of mine. In the beginning I mostly built city stuff, but now I enjoy the challenge of landscaping. Making standard shaped finite pieces look organic and natural is a lot of fun.

**Tell us a little about your background.**

I grew up in India; there wasn't a lot of LEGO available at that time. Around age 7-8 someone gifted my brother a set that I commandeered. It was one of those LEGO system sets that had three different options for building. I built all three and then went on to build many more with a few design changes here and there. Having just this one set laid the groundwork for building different things

### Brownstones

This MOC was an inspiration from watching *The Wire* and a visit to New York City. Architectural details in these types of buildings are gratifying to recreate in LEGO.

The Brownstones are a part of a larger layout I plan to build where the city blocks change from lively neighborhoods to boarded up, run down townhomes.





## People

# Female Builders Spotlight



## Suzanne (Rich) Eaton

### What genre or theme do you like to build?

I like a wide range of stuff—from DUPLO to robotics. I've modeled town/train, castle, etc. and built mosaics, sculptures and games. I love Steampunk, Mecha, and GBC modules, though I'm not as skilled there. I also collect specific things, like: Technic motorcycles and LEGO Dacta (educational) sets. My three latest MOCs are Friends-themed, only because I was entering the LEGO Rebrick "Best Friends" contest. Next, I might build some hand-cranked automata.

### Tell us a little about your background.

I have a degree in art and have worked as an illustrator and magazine designer. One of my clients, actually, was LEGO Futura (R&D) in Boston. When media publishing went online, I taught myself how to build websites and worked at

Last year, when I heard about the LEGO Rebrick "Best of LEGO Friends" contest, I felt super motivated to enter. I hoped I might have a shot at winning because there aren't too many people building in that theme and the AFOL events I planned to attend would each be picking a semi-finalist. In actuality, there were many excellent entries and winning at events wasn't simple. But the contest did give me a "mission" and motivated me to finish my models, which is normally my biggest hurdle in creating MOCs.

Once I settled on a concept, I built three giant Friends accessories in LEGO Digital Designer (there was also a spray-bottle in medium azure). I was checking to see if convincing replicas were possible at human scale, given part availability in the Friends color palette. Once satisfied, I started placing BrickLink orders. It took a few months (and more money than I'd like to admit), but I finally gathered all my supplies and it snapped together easily. Making the comb "usable" however was a challenge. A core of stacked plates adds strength and works pretty well. It's been passed around to many people at events, but hasn't broken yet!

## People

# Female Builders Spotlight

## Terri Landers: Making Things Beautiful is a Good Thing

My name is Terri Landers, and I am a LEGOholic. I am a member of SEALUG and PSLTC (enabler groups). My husband and I are part of the group that runs BrickCon, a convention for builders held in Seattle every October. This year will be the 16<sup>th</sup> convention, with expectations of 475 builders from all over the world. I love to view the many, many builds in every theme each year! It is amazing what different people do, using the same medium. I have helped judge individual entries and can testify that it is incredibly difficult to select "the best" display because every entry shows creativity and techniques that are simple, brilliant and inspiring. Beautiful!

I have earned an AA degree, emphasis on Geology, a BA in Education and an MA in Administration and Curriculum Design. I taught Elementary and Middle School for 24 years and am currently retired and enjoying my grandkids, my garden and more building with LEGO brick.

The first LEGO set I bought was a Technic helicopter, twenty years ago. *Star Wars* sets caught my eye and I



## People

# Female Builders Spotlight



## Breann Sledge

**What genre or theme do you like to build?**  
Bionicle/Technic.

**How long have you been building?**  
Since 2004.

**Tell us a little about your background.**

I got through high school and took a couple courses in college, but decided to pursue the trade of violinmaking instead, of which I worked as an apprentice and assistant for about ten years with John Osnes, a violinmaker in Anchorage. I built two violins and a viola under his tutelage.

Currently I work as a captain on a 90' salmon tender, collecting salmon from the fishermen in Prince William Sound, and taking the fish to the cannery in Seward. I do this in the summer, and process other fish for the same cannery in the winter months. I do artwork and sell collectibles on the side. Lately I have gotten into sculpting dinosaurs and other prehistoric creatures. It is a fun side hobby, and people really like my creatures. I also paint watercolor paintings of fishing boats. I really like to recreate old black and white historic photographs into full color paintings. The resulting painting often has enough realism to fool viewers into thinking it is an actual photograph until they get up close and see it's a painting.

**What is your story of becoming a LEGO builder? When and how did you start?**

I bought my first Bionicle box at a garage sale, thinking they would make a neat little stop-motion movie. I ended up getting about \$300 worth of sets for \$35. It's what started my Bionicle affliction.

After obtaining my first LEGO haul in the fall of 2004, I started making small figures and little stop-motion movies. I started to get into the Bionicle story and read the books. It's quite a compelling story once you get past the first four books. I started to build larger creatures and then discovered the BZPower Bionicle forum. I joined

### Komodo

Komodo is one of the largest creations I have made, rivaling the size of a medium/small dog. Tail and neck outstretched, it measured over 5' long! It suffered damage from being transported to a museum for a show and is currently undergoing a rebuild. It took approximately two years to complete this creation, working on and off on it, while also dealing with a move to a new home in the middle of the build.



## Building

# One Brick, Two Bricks, Red Bricks, Blue Bricks!

Article by Kyle Keller

LEGO has always been a solitary activity for me. When I typically build a MOC, it's not for a display, it's not for a collaboration with friends, it's not for a specific event, and it's not for an online post. It's for me. I'm my audience. So the idea of building for an event was a new, interesting challenge. The event in this case was the Atomic Comicon at the Tacoma Public Library in Washington state. It's a free comic book convention targeting young kids in an effort to promote reading and the library. For the first time, I was presenting my MOCs as part of a LUG, the South Puget Sound LUG to be specific. I assumed the superheroes would be very well represented, so I decided to go a different direction and target the younger attendees with six MOCs covering the works of Dr. Seuss.

The planning stage for this collection was more intense than normal due to my new audience. I had to answer the following questions:

*Which Dr. Seuss books are more well-known, and can thus act as anchors to the overall theme?*

*How do I capture the curvy lines and somewhat-impossible forms of Seussian illustration using bricks?*

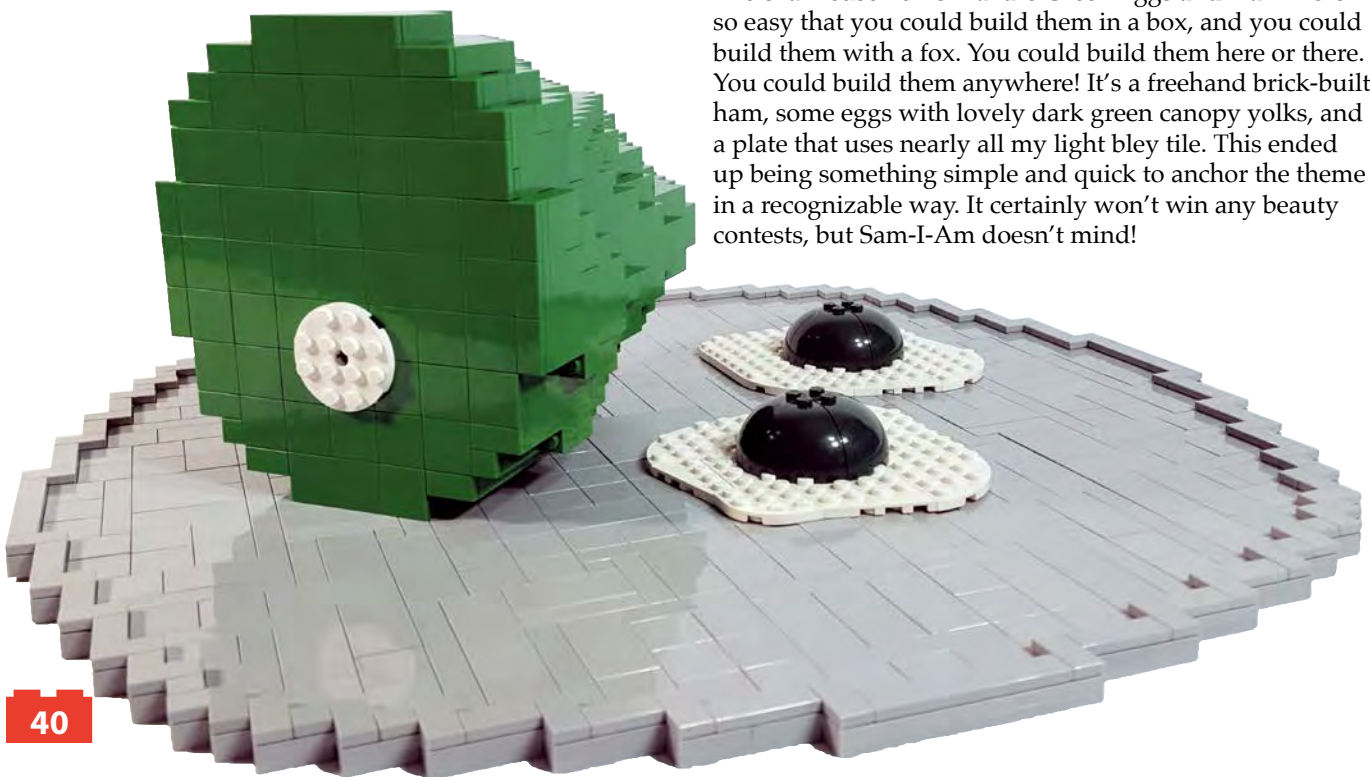
*How does each piece stand out individually as its own MOC while still being a part of the theme?*

*How can I draw in my target audience without a Deadpool minifig?*

Keeping the above in mind, I determined that I should do a brick-built "Green Eggs and Ham" and Minilandish-scale "Cat in the Hat" as the anchors to the theme. If I can pull them off well, then the rest of my MOCs become far more recognizable to the average attendee. "Horton Hears a Who" stops being just an elephant when he's next to a giant green ham, which added him to the list, as well as "The Sneetches." The last two MOCs were more of a stretch goal. "Yertle the Turtle" and "The Butter Battle Book" are less known, and the latter had me absolutely stumped on what the final MOC should be. Inevitably, I had to boot some ideas, so my apologies to "The Zax," "On Beyond Zebra," and "Oh the Places You'll Go." Maybe next time.

## Green Eggs and Ham

The chartreuse noms that are Green Eggs and Ham were so easy that you could build them in a box, and you could build them with a fox. You could build them here or there. You could build them anywhere! It's a freehand brick-built ham, some eggs with lovely dark green canopy yolks, and a plate that uses nearly all my light bley tile. This ended up being something simple and quick to anchor the theme in a recognizable way. It certainly won't win any beauty contests, but Sam-I-Am doesn't mind!





## The Cat in the Hat!

Balancing on a lime green ball, The Cat in the Hat is such an iconic part of Dr. Seuss's literature that it was an auto-include in the collection. I can't tell you how many times I tried to get his left leg holding the teacup just right. I ended up employing a flick-fire minifig utensil to get the bend I wanted with the correct thigh thickness. The Cat's head is built around a brick with studs on all sides (which seems to be the way I solve nearly every building problem I run into), and has some not-quite-complete clutches to give the noggin the correct shape while allowing his iconic hat to sit properly. I'm not thrilled with the Cat's mouth, but sacrifices had to be made to get him a nice set of whiskers. Probably the most interesting bit of building is in his green ball. I finished this model too late for a part order, so I was forced to work with bricks on hand. That ball, built in the style of Bruce Lowell's sphere, doesn't use any corner plates and four 2x2 jumper plates. The inside is an absolute mess, but it looks great from the outside.



*The ball dissected.*



*Horton broken down.*

## Horton Hears a Who!

The build for Horton actually started with the backdrop. I wanted to capture the puffy nature of Seuss's trees and bushes as seen in *Horton Hears a Who*. I found the 1x1 curve does the job nicely. Next came Horton himself. The two halves of his torso are nearly identical and held together by the legs. Horton's face has studs facing every-which-way, with hinges leading to his curvy ears. I employed a lot of less-than-legal connections with the infamous Who-Whisperer, especially the bucket handle stud-reversal method to add stability to the trunk. After finishing the MOC, I went back and added the angled insert in the grass. It was far more about seeing if I could do it than fulfilling any specific design need, though. I'm very pleased with how this creation came together.



# You Can Build It

Model




## Sneetch!

Design  
by Kyle Keller

Instructions  
by Joe Meno

When I spotted this at BrickCon in 2016, I was blown away by the simplicity of the build. It's not very often that a character build is made of so few parts, and it's even rarer when the build captures a creature, real or imagined, this well.

I immediately wanted to do an article on the Seuss builds and I wanted to include the instructions to build a Sneetch. Thankfully, Kyle Keller (the builder of all the Seuss MOCs) sent me construction photos of the Sneetch and from there created a digital model (seen at left) and then made instructions.

Have fun building! 


**Parts List** *(Parts can be ordered from Bricklink.com by searching by part number and color)*

Qty	Color	Part	Description
1	White	4740.dat	Dish 2 x 2 Inverted
2	White	98138p07.dat	Tile 1 x 1 Round with Eye Pattern
2	Yellow	3022.dat	Plate 2 x 2
2	Yellow	3023.dat	Plate 1 x 2
2	Yellow	3024.dat	Plate 1 x 1
3	Yellow	3062b.dat	Brick 1 x 1 Round with Hollow Stud
5	Yellow	3623.dat	Plate 1 x 3
2	Yellow	4085c.dat	Plate 1 x 1 with Clip Vertical (Thick U-Clip)
4	Yellow	6141.dat	Plate 1 x 1 Round
2	Yellow	11477.dat	Slope Brick Curved 2 x 1
1	Yellow	15573.dat	Plate 1 x 2 with Groove with 1 Centre Stud, without Understud
4	Yellow	50950.dat	Slope Brick Curved 3 x 1
1	Yellow	54200.dat	Slope Brick 31 1 x 1 x 0.667
2	Yellow	59900.dat	Cone 1 x 1 with Stop
1	Yellow	60897.dat	Plate 1 x 1 with Clip Vertical (Thick C-Clip)
2	Yellow	61252.dat	Plate 1 x 1 with Clip Horizontal (Thick C-Clip)
2	Yellow	85984.dat	Slope Brick 31 1 x 2 x 0.667
1	Yellow	99780.dat	Bracket 1 x 2 - 1 x 2 Up
1	Yellow	4733.dat	Brick 1 x 1 with Studs on Four Sides
1	Light Bluish Gray	4697b.dat	Technic Pneumatic T-Piece - Type 2
2	Blue	3024.dat	Plate 1 x 1

# Camera Dolly

*Design and Instructions*  
by Tommy Williamson

## About this issue's model:

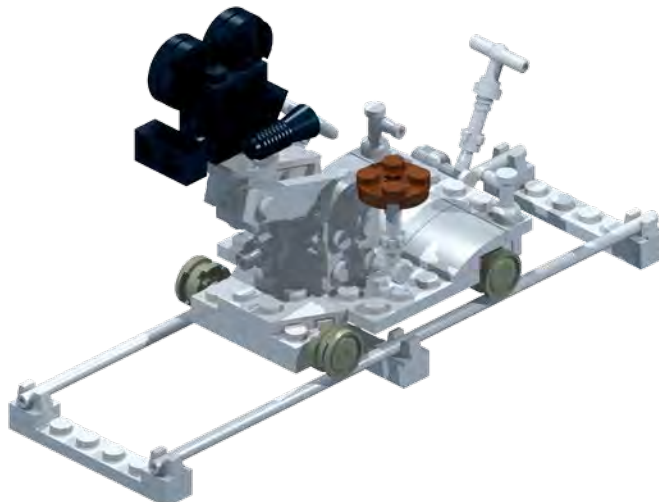
There's a lot of gear on a movie set; some of it is pretty self-explanatory, some of it is so specialized half of the crew doesn't even know what it's for. It's all got funny nicknames too. The dolly has been around for a very long time. This one was inspired by the classic type used making the Universal monster movies—when men wore hats, directors screamed through megaphones, and monsters were guys in suits. Enjoy! 

## Parts List (Parts can be ordered through Bricklink.com by searching by part number and color)

Qty	Part	Color	Description
1	4032a.dat	Reddish Brown	Plate 2 x 2 Round with Axlehole Type 1
4	93594.dat	Metallic Dk Gray	Wheel Rim 6.4 x 11 without Spokes
2	3023.dat	Black	Plate 1 x 2
1	3069b.dat	Black	Tile 1 x 2 with Groove
1	3794a.dat	Black	Plate 1 x 2 without Groove with 1 Centre Stud
2	4032a.dat	Black	Plate 2 x 2 Round with Axlehole Type 1
2	4070.dat	Black	Brick 1 x 1 with Headlight
2	4150.dat	Black	Tile 2 x 2 Round with Cross Underside Stud
1	4349.dat	Black	Minifig Loudhailer
1	4595.dat	Black	Brick 1 x 2 x 0.667 with Studs on Sides
1	50746.dat	Black	Slope Brick 31 1 x 1 x 0.667
3	577b.dat	Light Bluish Gray	Minifig Lightsaber Hilt with Bottom Ring
6	2555.dat	Light Bluish Gray	Tile 1 x 1 with Clip
2	3020.dat	Light Bluish Gray	Plate 2 x 4
1	3032.dat	Light Bluish Gray	Plate 4 x 6
1	3034.dat	Light Bluish Gray	Plate 2 x 8
1	3069bpc3.dat	Light Bluish Gray	Tile 1 x 2 with Red "82" and Yellow and White Gauges Pattern
2	3176.dat	Light Bluish Gray	Plate 3 x 2 with Hole



Tommy Williamson is no stranger to *BrickJournal*, having been featured previously for his Jack Sparrow miniland scale figure. Since then, he has gone farther into building, making some remarkable *Star Trek* props and other models. He's now doing a column for *BrickJournal: DIY Fan Art*. Here, Tommy takes a little time out from his busy schedule at BrickNerd.com to make a model of his choosing for the magazine.



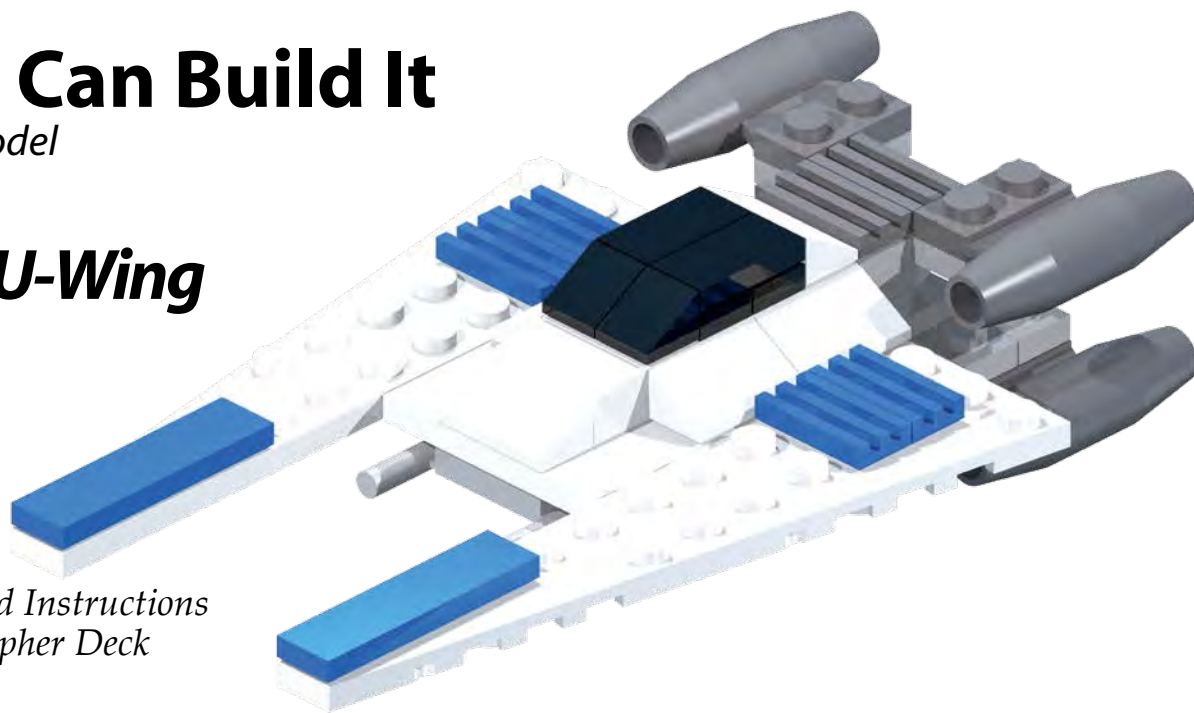
Qty	Part	Color	Description
4	3666.dat	Light Bluish Gray	Plate 1 x 6
1	3710.dat	Light Bluish Gray	Plate 1 x 4
1	4032a.dat	Light Bluish Gray	Plate 2 x 2 Round with Axlehole Type 1
2	4070.dat	Light Bluish Gray	Brick 1 x 1 with Headlight
1	6141.dat	Light Bluish Gray	~Moved to 6141
1	4081b.dat	Light Bluish Gray	Plate 1 x 1 with Clip Light Type 2
4	4488.dat	Light Bluish Gray	Plate 2 x 2 with Wheel Holder
6	4599a.dat	Light Bluish Gray	Tap 1 x 1 with Hole in Spout
1	4697b.dat	Light Bluish Gray	Technic Pneumatic T-Piece - Type 2
1	4733.dat	Light Bluish Gray	Brick 1 x 1 with Studs on Four Sides
3	15068.dat	Light Bluish Gray	Slope Brick Curved 2 x 2 x 0.667
2	22463.dat	Light Bluish Gray	Technic Flex-System Hose 19L (380LDU)
1	30039.dat	Light Bluish Gray	Tile 1 x 1 with Groove
1	30663.dat	Light Bluish Gray	Car Steering Wheel Large
1	51739.dat	Light Bluish Gray	Wing 2 x 4
2	87087.dat	Light Bluish Gray	Brick 1 x 1 with Stud on 1 Side
2	92593.dat	Light Bluish Gray	Plate 1 x 4 with Two Studs
2	99781.dat	Light Bluish Gray	Bracket 1 x 2 - 1 x 2 Down

# You Can Build It

MINI Model


## MINI U-Wing

Design and Instructions  
by Christopher Deck



Hello everybody, I hope you are prepared for our next MINI U-Wing fighter / support craft!

About one year after the release of *Star Wars: Episode VII* we already have the first spin-off movie, *Star Wars: Rogue One*, with lots of new locations, characters, and vehicles. One of the most exciting of the latter ones mentioned, is the Rebel Alliance U-Wing fighter which serves as both starfighter and troop support vessel. One remarkable detail is the movable S-foils, either in forward or backward position.

Functional mini models are always a challenge, and so was this. For the folding back we use flat hinge plates. The movement is stopped once the stud notches of the wing plates touch the round end of a 3x2 plate with hole. The result works smoothly and gives the perfect shape. It is really fun folding the wings back and forth and I hope you will enjoy this! I am glad to have joined again for this issue of *BrickJournal*. See you soon! 

### Parts List (Parts can be ordered from Bricklink.com by searching by part number and color)

Qty	Color	Part	Description
4	White	4070.dat	Brick 1x1 with Headlight
2	Light-Bluish-Gray	2429.dat	Hinge Plate 1 x 4 Base
2	Light-Bluish-Gray	2430.dat	Hinge Plate 1 x 4 Top
4	Light-Bluish-Gray	3024.dat	Plate 1 x 1
2	Trans-Black	3023.dat	Plate 1 x 2
1	Light-Bluish-Gray	3023.dat	Plate 1 x 2
1	Light-Bluish-Gray	3839b.dat	Plate 1 x 2 with Handles Type 2
4	Dark-Bluish-Gray	3475a.dat	Plate 1 x 2 with Jet Engine and Smooth Hole
4	Light-Bluish-Gray	2420.dat	Plate 2 x 2 Corner
3	White	3020.dat	Plate 2 x 4
1	Light-Bluish-Gray	3020.dat	Plate 2 x 4
1	Light-Bluish-Gray	3176.dat	Plate 3 x 2 with Hole
2	White	54200.dat	Slope Brick 31 1 x 1 x 0.667
2	Trans-Black	54200.dat	Slope Brick 31 1 x 1 x 0.667
6	White	85984.dat	Slope Brick 31 1 x 2 x 0.667

Qty	Color	Part	Description
1	White	3747a.dat	Slope Brick 33 3 x 2 Inverted without Ribs between Studs
1	White	15068.dat	Slope Brick Curved 2 x 2 x 0.667
4	Blue	2412b.dat	Tile 1 x 2 Grille with Groove
2	Dark-Bluish-Gray	2412b.dat	Tile 1 x 2 Grille with Groove
2	Trans-Black	3069b.dat	Tile 1 x 2 with Groove
1	Light-Bluish-Gray	3069b.dat	Tile 1 x 2 with Groove
2	Blue	2431.dat	Tile 1 x 4 with Groove
1	White	6179.dat	Tile 4 x 4 with Studs on Edge
1	Light-Bluish-Gray	90194.dat	Wing 3 x 4 with 1 x 2 Cutout with Stud Notches and Rounded U
1	White	47397.dat	Wing 3 x 12 Left
1	White	47398.dat	Wing 3 x 12 Right

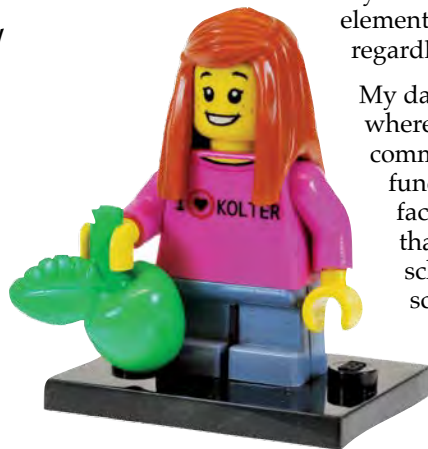


## Building

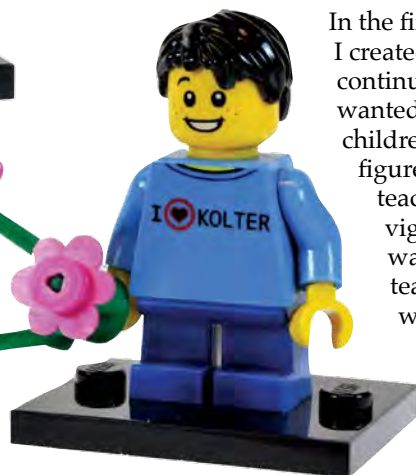
### Minifig Customization 101

# Philanthropic Endeavors

Article and Photography  
by Jared K. Burks



Year 1 Figures



I, like many, have been consumed with the current events. Regardless of your opinion of the progress of the world order, it has reaffirmed a lesson I learned as a young adult: "To help other people at all times." This lesson is fairly clear, as it simply states "to help others all the time." Helping others could include anything from feeding the hungry, helping the poor, helping others around the world, or even helping those in your own community. Through my education I have learned that the best way to help others is through education. By ensuring children are well educated, they will become free thinkers and able to not only continue to educate themselves, but also make informed decisions about their lives and actions—and hopefully through this education become better members of society, and thus society will improve. Therefore, I use my talents to support my daughter Branwen's public elementary school. I wanted to encourage all readers, regardless of their age, to help others at all times!

My daughter's school has a yearly gala, fancy party, where they have a series of items donated by the community to be sold in auction to raise additional funds to meet the budget shortfalls that her school faces every year. This gala is part of several events that occur throughout the year to raise funds for the school. Ever since Branwen started at her elementary school, just over 4 years ago, I have created several different custom LEGO figures for these auctions. The figures I have created were designed to capture my community and get the attention of the people attending the gala to attempt to raise as many funds for the school as possible. For this article I will cover the figures

I have made and give a brief description as to how I created a few of them.

In the first year when Branwen started in Kindergarten I created a foundational figure design that I have continued in every auction since, the Kolter Kid. I wanted to create a custom figure that resembled the children attending Kolter elementary. I made individual figures and had them carry the classic items to their teacher, flowers or an apple. I also had two small vignettes in this auction where I had Kolter Kids walking to school or leaving presents for their teachers. These figures were simply created with water slide decals where I recreated school uniform designs that the children wear to school.

I also wanted to create a special figure for these auctions based on a local sports team. I choose the mascot for the Texans football team, Toro. Toro the bull is seen on the sidelines of every home Texans game, and while he may seem complex to create as a custom figure, it was easier to assemble given the collectible minifigure series Minotaur. I simply had to remove the portion of the Minotaur head that covered the torso of the figure. I removed this portion with sandpaper. Once the bulk of this area was removed, I polished the remainder with Brasso. Then I primed the head with a primer designed for plastic and painted the head dark blue to match LEGO dark blue, which is what I was using to recreate the figure. I then again used waterslide decal film to recreate the Texans jersey and placed these decals on the white



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Art and Design: Sunrise Concepts Painted Over Model of Gotham City

## Rob Coleman: Bringing The LEGO Batman Movie to Life!

Article by Joe Meno

Rob Coleman served as the Animation Supervisor on The LEGO Batman Movie at Animal Logic. Before that, he worked at Industrial Light and Magic and Lucasfilm Animation for 14 years doing visual effects for Dragonheart and the Star Wars prequels and Men in Black. For The LEGO Batman Movie, he was responsible for the animation staff. You could regard this movie as one big computer art effect, and Rob was the one that kept the art running. BrickJournal talked to him about...

It's not too often that an interviewee is as candid (in the space of 45 minutes) was not only this also meant that the interview is longer than the magazine, so it was split. This is one of the interviews in the interview series was by editor Joe Meno, who worked on The LEGO Batman Movie was made, but also Rob Coleman's answers can only be described as enthusiastic.

It turns out that when I was contacted and told I was familiar with Rob Coleman at all. This led to a conversation when I explained this to him. Rob's question was "I found out that you are an Animation Supervisor." "That's right!" he confirmed.

I continued and went straight to the interview question on The LEGO Movie, so my first question was "between the movies?" Rob's answer was the following responses:

Yes, there actually were. In The LEGO Movie they were and the concepts from the studio...

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