

IDV460

INTERACTIVE DATA VIZ SPRING 16

STEVE LAYTON

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ROOM 211

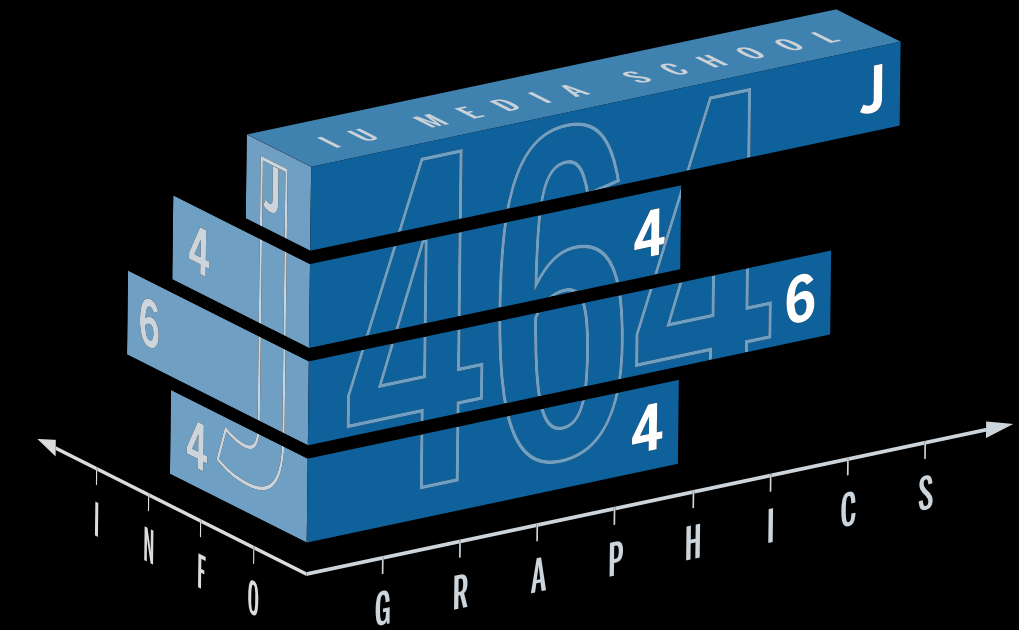
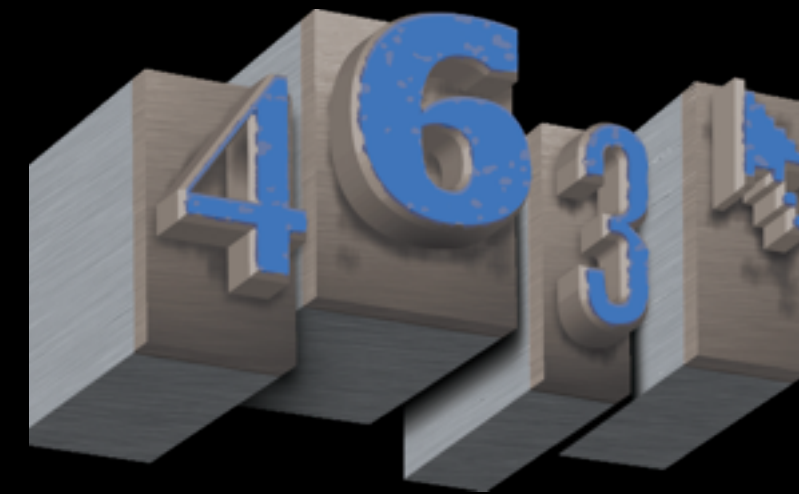
MY BACKGROUND

Twenty years (1990-2010) in the newspaper industry as a graphic artist, editor and designer.



MY BACKGROUND

... and six years here teaching classes in graphics and design.

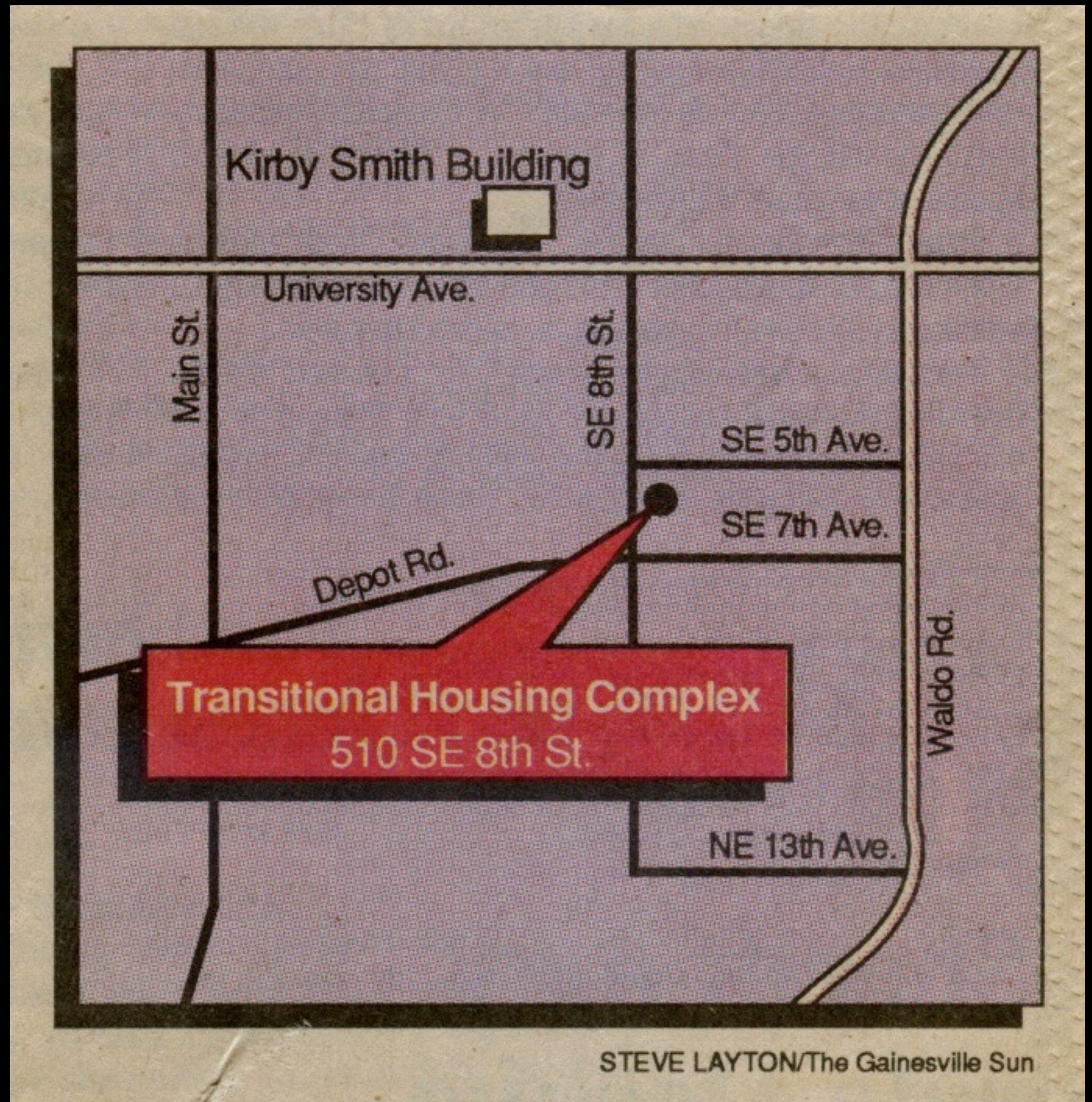


IDV460

INTERACTIVE DATA VIZ SPRING 16

MY WORK

My first published graphic, from the *Gainesville (Fla.) Sun* in 1990. It also includes my first error (sadly).



MY WORK

At my first real job, at the Palm Springs (Calif.) *Desert Sun*, I was as much a designer as a graphic journalist. But graphics still featured heavily in my job description.

The Desert Sun
TRAVEL / LIVING
C
SUNDAY, May 3, 1992
Felding Buck, Travel Editor,
322-8889 ext. 426

What's Up
In the air
SUMMER SCHOOL: Looking for a place to cool off this summer? A series of educational events, offered through Air Canada and The Great Canadian Travel Co., take participants to scenic Southern Manitoba in the United States and Canada. Programs at the University of Northern Iowa Center for the Sciences, photography, chemistry and land, starting 1990-91-92. See page C2.

On the sea
BEDTIME STORY: The 30th anniversary of the book "The Sandlot" is being celebrated in a series of events. The book, written by Robert Coates and illustrated by William Steig, is a classic of children's literature. The book is being reissued in a special anniversary edition. Contact a travel agent for information. See page C2.

In San Diego
DREAMSCAPE: Welcome to the "Caribbean Sea," an exhibit opening May 29 at the San Diego Museum of Art. The exhibit, which is a collaboration of the artist and the museum, features a series of paintings that depict a tropical island scene. The paintings are made of glass and are displayed in a special exhibit gallery. Contact a travel agent for information. See page C2.

In Laughlin
EXPLORE ARIZONA: Tickets for the Laughlin Arizona Boat Show, which includes a trip to the Laughlin Marina, are available at the Laughlin Marina. The boat show is a great way to see the Laughlin Marina and the Laughlin Marina. Contact a travel agent for information. See page C2.

In Las Vegas
NEW DEAL: The Four Queens Casino is offering a special promotion. The promotion is a special promotion. Contact a travel agent for information. See page C2.

In the Southland
MAMA MIA: The Westwood Hotel & Casino is offering a special promotion. The promotion is a special promotion. Contact a travel agent for information. See page C2.

In the Bay Area
PUMPING PLASTIC: Visitors can see the world's largest collection of plastic bottles. The collection is a special collection. Contact a travel agent for information. See page C2.

In Mexico
WORLD'S FINEST HOTEL: The world's finest hotel is a special hotel. Contact a travel agent for information. See page C2.

TIPS 'N' HOT
HOT: HOT: There'll be a hot time in the old town this summer. The hot time is a hot time. Contact a travel agent for information. See page C2.

NO KIDDING
NO KIDDING: And the winner of the "Best New Product" award is... Contact a travel agent for information. See page C2.

WORLD'S FINEST HOTEL
WORLD'S FINEST HOTEL: The world's finest hotel is a special hotel. Contact a travel agent for information. See page C2.

TRAVEL FACTS
Nothing to sneeze at
It's allergy time, and pollen counts are high. Contact a travel agent for information. See page C2.

TRAVEL Q&A
Freighters carry savings for travelers
Do you know when the fares are lowest? Contact a travel agent for information. See page C2.

LINKS TO THE PAST
The Golden Chain, Highway 49, cuts through gold rush country



Golden Chain whole through 118 miles of the Sierra Nevada foothills, the Golden Chain, Highway 49, cuts through gold rush country. The Golden Chain, Highway 49, is a scenic route that passes through some of the most beautiful scenery in California. It is a route that has been traveled for over a century and is still one of the most popular routes in the state. The Golden Chain, Highway 49, is a route that is full of history and beauty. It is a route that is worth the drive. Contact a travel agent for information. See page C2.

DESERT STYLE
April 19, 1992
D10

INSIDE
DINING: ITALIAN POWER! Viewing the...
HOMES & DECOR: INTERIOR MOTIVES: Get the pros and...
FASHION: NATURAL WORKERS: Discovering...
April 19, 1992

WHO FRAMED ROGER RABBIT?



Who Framed Roger Rabbit? The cartoon rabbit is a star in the new movie. Contact a travel agent for information. See page C2.

DESERT DWELLERS
WHO: Chris...
WHAT: Makes him tick...
WHY HE MOVED TO THE DESERT...
WORD TO THE WISE...
Contact a travel agent for information. See page C2.

MY WORK

At my first real job, at the Palm Springs (Calif.) Desert Sun, I was as much a designer as a graphic journalist. But graphics still featured heavily in my job description.

What's Up

In the air

SUMMER SCHOOL: Looking for a place to cool off this summer? A series of educational tours, offered through Air Canada and The Great Canadian Travel Co., take participants to subarctic northern Manitoba in Canada. Programs at the Churchill Northern Study Center focus on nature photography, archaeology and bird watching. (800) 661-3830. Air fares/C2

On the sea

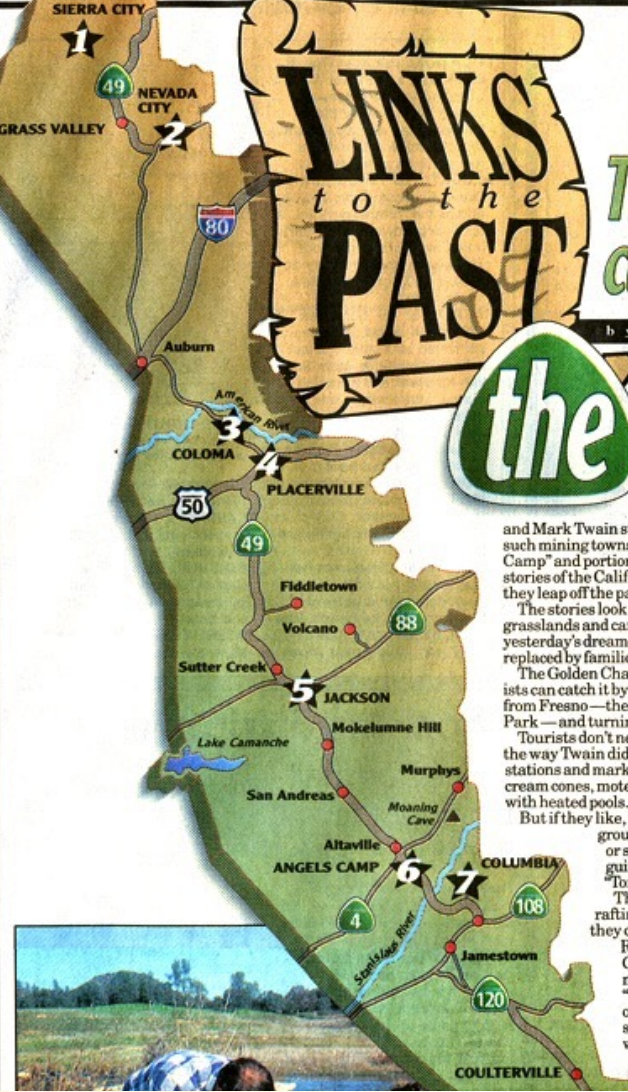
BEDTIME STORY: The MS Noordam departs from Fort Lauderdale, Fla., on Oct. 11 with a biography of Christopher Columbus in every stateroom. The Holland America ship circles the island of San Salvador, where Columbus first set foot in the New World, on Oct. 12. Fares start at \$2,175 per person, double occupancy. Contact a travel agent for information.

In San Diego

DREAMSCAPE: "Welcome the Caribou Man," an exhibit opening May 30 at the San Diego Museum of Man in Balboa Park, explores the spirit world of the Abenaki Indians through masks and sculptures. The Caribou Man is a spirit artist Gerard Rancourt Tsoukwa says appeared to his father in dreams. 239-2001. More San Diego/C4

In Laughlin

EXPLORING ARIZONA: Tickets for the Lake Havasu Bus & Boat Tour, which includes a trip to the mining town of Oatman, Ariz., are available at the Flamingo Hilton. The excursion, offered by D&C Tours, costs \$47.90 for adults. (800) 626-2365. More Laughlin/C3



LINKS to the PAST

The Golden Chain, Highway 49, cuts through gold rush country

by FIELDING BUCK / Travel Editor

Golden Chain winds through 318 miles of the Sierra Nevada foothills, studded with spots bearing colorful names no novelist could invent. Rough and Ready, Red Dog, Fresh Corral, Jenny Lind, Chili Bar. In the 1860s Bret Harte such mining towns. Harte's "Luck of the Roaring Camp" and portions of Twain's "Roughing It" tell the stories of the California gold rush so vivid that they leap off the page. The stories look like they could come true in the grasslands and canyons of the Golden Chain. But yesterday's dreamers and desperados have been replaced by families in Winnebago motorhomes. The Golden Chain is State Highway 49. Motorists can catch it by taking State Highway 41 north from Fresno—the route to Yosemite National Park—and turning off at Oakhurst. Tourists don't need to rough it on Highway 49 the way Twain did. They won't want for gas stations and markets, cheeseburgers and ice cream cones, motels with cable and RV parks with heated pools. But if they like, they can stay in public campgrounds that don't have electricity or showers, but maybe have a guitar-picking folkie strumming "Tom Dooley" by the campfire. They can hike. They can go rafting. They can go spelunking. And they can pan for gold. Roughly midway along the Golden Chain is Angels Camp, made famous by Mark Twain's "The Celebrated Jumping Frog of Calaveras County." The short story about a contest to see which miner's amphibian can leap the farthest, inspired the annual Jumping Frog Jubilee, to be held May 14-17. The jubilee features more slimy green critters than an Egyptian plague; their handlers and spectators will fill the lodgings within an hour's drive of the community, officials advise. After that event, Calaveras and the eight other counties Highway 49 passes through are wide open for tourists. Here are some highlights:

- SIERRA COUNTY:** Fishing streams abound in the northernmost county on the chain. (916) 289-3619. In Sierra City, the Kentucky Mine and Museum opens for summer after Memorial Day. (916) 862-1310.
- NEVADA COUNTY:** In Nevada City, the Nevada Theater shows art films and hosts the Foothill Theatre Company. (916) 265-6161. Museums attest that Grass Valley was the state's richest gold mining town. (916) 273-4667.
- PLACERVILLE:** Old Town Auburn preserves the 1800s. (916) 889-5616. Visitors can pan for gold at the Gold Country Museum. (916) 889-6500.
- EL DORADO COUNTY:** James Marshall's discovery of ore at Sutter's Mill in Coloma on May 24, 1848 kicked off the gold rush. A 300-acre state park includes Marshall's cabin. (916) 622-3470. Paul Baily, who calls himself a "fourth-generation prospector," organizes three-hour gold panning tours near the site. Contact Gold Country Prospecting of Placerville. (916) 622-2484. For information about river rafting, contact the county Parks and Recreation Department. (916) 621-5353.
- AMADOR COUNTY:** Many downtown buildings in Jackson date from 1862. (209) 223-0350. Petroglyphs of the Miwoks highlight the Shaw's Indian Grinding Rock State Historic Park. (209) 296-7488.
- CALAVERAS COUNTY:** A frog motif and statue of Mark Twain dominate Angels Camp. (800) 225-3764. Visitors can find underground adventures in the California Caverns at Cave City, Mercer Caverns and Moaning Cavern. (209) 736-2708.
- TULARE COUNTY:** Coach rides and costumed employees highlight the Knott's-Berry-Farmesque Columbia State Historic Park. (209) 532-4301.
- MARIPOSA COUNTY:** Coulterville, with the Mary Harrison Mine locomotive and a stately hanging tree, is the spot for shutterbugs. (209) 966-2456.
- MADERA COUNTY:** Oakhurst's Golden Chain Theatre puts on melodramas in summer. (209) 683-7112.



Nothing to sneeze at



It's allergy time, and pollen isn't a pal to many people. Traveling can play havoc with an allergy, and the peak season for pollen varies throughout the country. The U.S. Pollen Predictor pinpoints 75 of the most common allergy-provoking trees, grasses and weeds and identifies their peak pollinating periods, month by month, in five U.S. regions. For a free brochure, call the Allergy Information Center and Hotline. (800) 727-5400.

Source: Gannett News Service

Best places to look down on the sites of last month's chaos are the observation decks atop the Sears Tower, the world's tallest building at 1,454 feet. A second deck, on the 100th floor, just opened to complement way to save time or money on a trip? If we choose your tip for this column, we'll send you a Desert Sun luggage tag. Submit your tips to: The Desert Sun, P.O. Box 2734, Palm Springs, CA 92263.

For a free brochure, call the Allergy Information Center and Hotline. (800) 727-5400. Source: Gannett News Service

into big travel business

Coupons in Entertainment publications offer dining, shopping and leisure discounts as well as half-price hotel rooms. There are now 157 editions of Entertainment coupon books covering various cities and regions of the world. The company operates 83 customer-service offices around the United States. "We've seen a sharp increase in business this last year," spokesman Robert McHenry says. "Our 1991 revenues were \$96.9 million, up 13 percent from the previous year." McHenry attributes the increase to consumers looking for greater value during the recession. Make no mistake about it: Coupon clipping is big business. In 1991, Fortune Magazine picked Entertainment Publishing Corp., the parent holding company, as one of the 25 best stocks on the American Stock Exchange for the second year in a row. For further information, contact Entertainment Publications Inc., 2125 Butterfield Road, Troy, MI 48064. Potter writes for the New York Times News Service.

Freighters carry savings for travelers

By WILLIAM T. TOMICKI
QUESTION: Is it still possible to travel by freighter and save money?
ANSWER: Freighter travel is great for those who want quiet days at sea and casual surroundings. Often exact departure dates are not available until the last minute. The Freighter Space Advisory is a biweekly publication that reports on departure dates, fares, ports of call and ship descriptions. A subscription to their guide is \$27 per year. For further information, contact Freighter World Cruises, 180 S. Lake Ave., Pasadena, CA 91101 (818) 449-3106.

Q: Do you know when the famous dragon boat races are held in Hong Kong?
A: The 1992 Hong Kong Dragon Boat Festival International Races take place June 13 and 14 at the East Tsim Tsui waterfront. Long and slender boats of teak and camphor wood carry up to 20 paddlers plus one drummer, who beats steadily as the paddlers thrash the waters. Last year, 23 teams from 14 countries as well as 127 local teams participated. (213) 208-4582. Readers are invited to submit questions to Tomicki, P.O. Box 5148, Santa Barbara, CA 93150.

MY WORK


In Rockford, working for the *Register Star*, I found myself frequently working on full-page graphics (as well as illustrations, which featured heavily in our presentation).

4C The Rockford Register Star, Friday, October 29, 1993

LADIES PROFESSIONAL

Bowling

More than 70 of the finest women bowlers in the world will come to Rockford this week for the Ladies Pro Bowlers Tour's oldest stop, the Midwest Hammer Open, which begins Monday at Don Carter Lanes, is being held in Rockford for the 21st consecutive year.



Pro bowler Linda Kelly

Past Rockford champions


1973	Rita Justice
1974	Loe Bodeberger
1975	Virginia Norton
1976	Cheryl Robinson
1977	Pam Buckner
1978	Donna Adams
1979	Edith Burrows
1980	Pat Costello
1981	Nikki Gray
1982	Cindy Coe
1983	Lisa W.
1984	Antia
1985	Pat
1986	Lo
1987	
1988	
1989	
1990	
1991	
1992	
1993	

Schedule

► **Friday, Oct. 29:** Senior Pro/Am, clinic and luncheon, noon. Admission: \$18.
 ► **Saturday, Oct. 30:** Adult 9-Pin No-Tap Pro/Am, 1:30, 3:30, 5:30 and 7:30 p.m. Admission: Free.
 ► **Sunday, Oct. 31:** LPBT practice session, 8 a.m.; Junior 9-Pin No-Tap Pro/Am, 10 a.m.; Adult 9-Pin No-Tap Pro/Am, 12:30 and 3 p.m. Admission: Free.
 ► **Monday, Nov. 1:** 6 games qualifying, 9 a.m. and noon; 3:30 and 6:30 p.m. Admission: \$4.
 ► **Tuesday, Nov. 2:** 6 games qualifying, 9 a.m. and noon; Admission: \$3; 8 games match play, top 24, 6:30 p.m. Admission: \$4.
 ► **Wednesday, Nov. 3:** 8 games match play, 10 a.m. and 6:30 p.m. Admission: \$3 (day), \$4 (night).
 ► **Thursday, Nov. 4:** Top 5, ESPN telecast, 7 p.m. Admission: \$8.

Don Carter Lanes

4007 E. State St.
 Rockford, Ill.



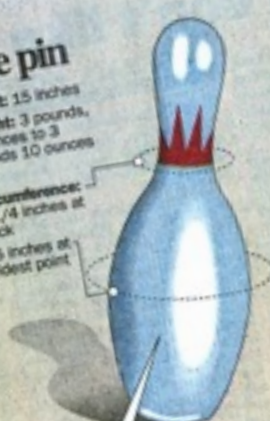
Scoring system

Scores are computed on a plus-minus system based on 300 as an "even" score. That is, a bowler rolling 224 scores a +24, and "24" is written on the bowler's score sheet in black ink. On the other hand, a score of 185 receives a -15 score, and "15" is written in red. During match play, bowlers winning head-to-head games receive 30 bonus pins. So a winning bowler with 224 is credited with 54 "plus" pins.

PLAYER	1	2	3	4	5	6	7	8	9	10	TOTAL	
JOHNSON	91	X	X	X	116	116	116	116	116	116	116	116
SMITH	20	46	67	88	109	128	147	156	184	224	224	54

The pin

Height: 15 inches
 Weight: 3 pounds, 6 ounces to 3 pounds 10 ounces
 Circumference: 5-1/4 inches at neck
 15 inches at widest point



The ball

Weight: Standard weights 8-16 pounds. Professionals use the heaviest allowable weight: 16 pounds.
 Circumference: 27 inches


Weight hole, used by professionals to control roll and action

Finger holes

Label


Thumb hole

Track, or worn part of the ball from rolling down the lane many times



Types of ball roll

(for right-handed bowlers)



The lane

Width of lane: 41-75 inches
 Length of lane: 62 feet, 10-3/16 inches

The main portion is pine, unless the lane is synthetic.

The first 5 feet of the lane is synthetic.

Approach: Customarily 15 feet long

BOWLERS TO WATCH

► **Tish Johnson**
 Panorama City, Calif.
 the reigning player of the year on the Ladies Pro Bowlers Tour. In 1992 she set a record with 156,872 and was second in average (211.51).

► **Anne-Marie Duggan**
 La Habra, Calif.
 Second to Carol Norman in 1991. Set the all-time women's record with 165,000 in games of 300, 301, 285.

► **Carol Gianotti**
 Perth, Australia
 Won this tournament last year at Cherry Bowl. She was runner-up in money in '92 with \$86,326.

► **Lorrie Nichols**
 Agonquin
 The most recent winner at Don Carter Lanes (1990) and the only woman to win three times in Rockford.

► **Jan Schmidt**
 Rochelle
 Won this year's International Bowling Congress (IBC) Queens tournament in Baton Rouge, La.

GHOST STORIES

HEY KIDS! Help finish the tale



Steve Lorton / The Register Star

Maria's mustache tickled her nose a little, but the most bothersome was the one on her arm. She felt a bit silly wearing it to the Halloween party as a prank, but Maria really couldn't help it. She had to wear it because her mustache had had to grow back.

Maria was meeting Aly at the party, going to find her last girlfriend in this town. She had a lot of friends, including her best friend, Billy. They were all dressed in costumes, including Billy's purple dinosaur costume.

Aly and Maria had decided not to tell each other what they were wearing. They figured if they could find each other, they would be able to find each other. They were going to be at the party.

Duh! It never occurred to them that if they were successful, they might never see each other again. They were both dressed in costumes, including Billy's purple dinosaur costume.

Oh, the trouble they got into last night in the Discovery Center with the town. It was the talk of the town. Each was glad to see the other, when suddenly, two heads rushed from behind and grabbed Maria and Billy on the shoulder.

They screamed. A familiar voice said, "Maria, it's Aly. I've been looking for you all night."

They both turned around just as Aly removed her purple mask. Maria and Billy were shocked. Maria introduced her to Billy.

Near the center was a huge black iron pot with smoke rising from a crack in the pot and screaming when she saw something scary. Maria was only a cup someone had dropped in the drink. Then the princess had dropped in another girl and said, "He's really cute."

It was working. In a girl voice Maria said, "Thanks, mister," turning away to shield a smile.

She bumped heads with a creature which sent her mustache flying. The heavy disguise fell in the punch and quickly to the ground. Her mask slipped to the floor.

It took Maria a couple of seconds to focus on a kid whose bright eyes mask the side of his forehead. He was rubbing "Maria!"

It was one of Maria's best friends, Billy. He was the last one to see her last night in the Discovery Center with the town. It was the talk of the town. Each was glad to see the other, when suddenly, two heads rushed from behind and grabbed Maria and Billy on the shoulder.

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Just then, a flash of light zig-zagged across the sky. A half-second later, a booming crash of air as it began to pour. The children scrambled in all directions. Some made it to the house, some roared like a dog.

Maria, Billy and Aly ran to a nearby shed. Billy was the last one to see her last night in the Discovery Center with the town. It was the talk of the town. Each was glad to see the other, when suddenly, two heads rushed from behind and grabbed Maria and Billy on the shoulder.

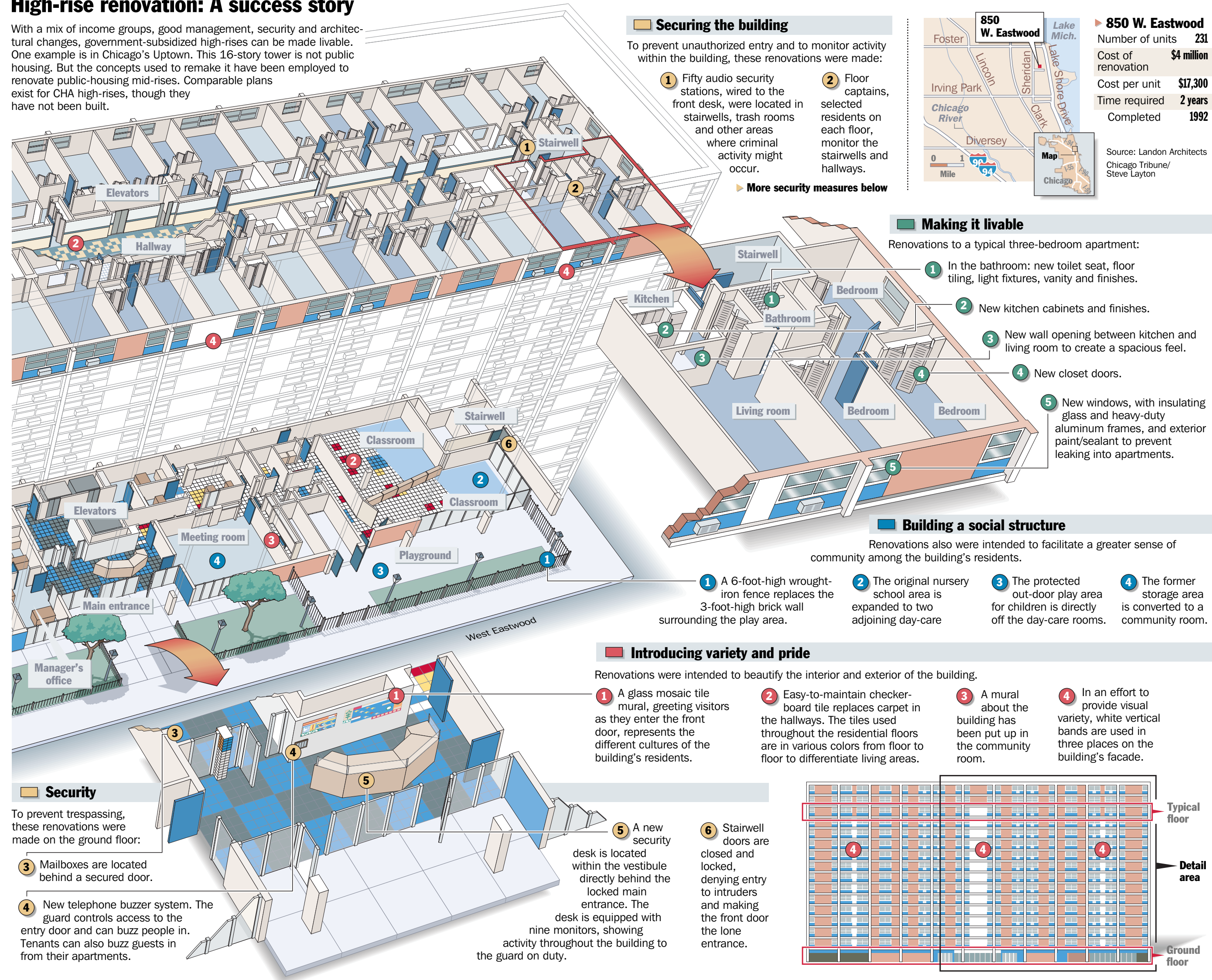
They screamed. A familiar voice said, "Maria, it's Aly. I've been looking for you all night."

They both turned around just as Aly removed her purple mask. Maria and Billy were shocked. Maria introduced her to Billy.

Send your entries by Sunday, Oct. 17 to: **Ghost Story Contest**, Discovery Center, 711 N. Main St., Rockford, Ill. 61103. Or, drop it by on your next visit to the center.

High-rise renovation: A success story

With a mix of income groups, good management, security and architectural changes, government-subsidized high-rises can be made livable. One example is in Chicago's Uptown. This 16-story tower is not public housing. But the concepts used to remake it have been employed to renovate public-housing mid-rises. Comparable plans exist for CHA high-rises, though they have not been built.



MY WORK

In 1994, I joined the graphics staff of the *Chicago Tribune*. I was part of an 18-person team, and worked specifically on informational graphics (as an artist).

Preventive maintenance keeps planes airworthy

Airlines work around-the-clock to keep their fleets safe and dependable. Licensed mechanics stick to a strict maintenance schedule that is designed to spot problems before they become serious — and to ensure that even the oldest planes are in top working condition.

Maintenance levels

Each airline follows its own FAA-approved schedule of maintenance procedures, which is usually a modified version of the airplane manufacturer's suggested service guidelines. If a potential problem is found at any level, more service is required. Below is a typical breakdown of the service levels.

PRE-FLIGHT CHECK

Before each flight, at least one mechanic and the pilot do a "walk-around" of the plane, a quick visual check for any obvious damage or anomalies.

Elapsed time: **30 minutes**

DAILY CHECK

Each day, mechanics check all the basics such as tires, brakes, oil and other fluid levels, lights and cabin oxygen. A review of the pilot's logbook and computer-recorded data on the plane's performance can prompt more checks.

Elapsed time: **1-2 hours**

'A' CHECK (weekly)

About once a week, the plane is taken inside a hangar where the mechanics put more emphasis on systems-related tasks. For example, the exhaust system is checked and cleaned, tires and brakes are required to meet strict standards and selected portions of the airplane structure may be singled out for close inspection.

Elapsed time: **6-8 hours**

FRAME

During most checks, the skin and body of the plane are examined visually for cracks, corrosion or other signs of stress.

● During a heavy C check, the plane is stripped down to the frame for an extensive inspection of the structure. The plane may be repainted, if necessary.

● In special checks, X-ray and ultrasound equipment is used to look for stress-induced cracks.

FUEL TANKS

● In a heavy C check, fuel tanks (located in the wings and center section of the 727) are opened for cleaning and structural inspection.

Engines

Engine manufacturers offer their own maintenance recommendations to each airline. The engines typically go through a complete overhaul if warranted.

● During a B check, a fiber-optic scope is used to inspect the inside of the engine for problems.

Flight-data recorder

● A communication reporting system, or "black box," tracks the plane's mechanical performance and produces charted data that can be examined for problems.

This is the same technology that gives investigators valuable information after a plane crash. In spite of its nickname, the data recorder is painted bright red so it can be seen from far away.

Boeing 727-200

As of February, major U.S. carriers flew 414 of these aircraft, one of the most common passenger planes.

Cabin

At each maintenance level, the oxygen system for the pilots and passengers is checked. General cleaning is done. The galleys, seats, entertainment systems, carpets and lavatories are inspected, and repairs are ordered when necessary.

● During a heavy C check, seats, galleys, lavatories and other interior features are removed and refurbished.

Cockpit controls

● The pilot's logbook is one of the best monitors of the plane's performance and the condition of the cockpit controls.

Landing gear

In every check, the strut assembly, wheel, tire and brake are inspected.

Left main landing gear

● In an A check, the shock strut, which operates like a car's shock absorber, may be repaired or replaced if it doesn't meet standards.

● During the daily check, brakes are examined for wear.

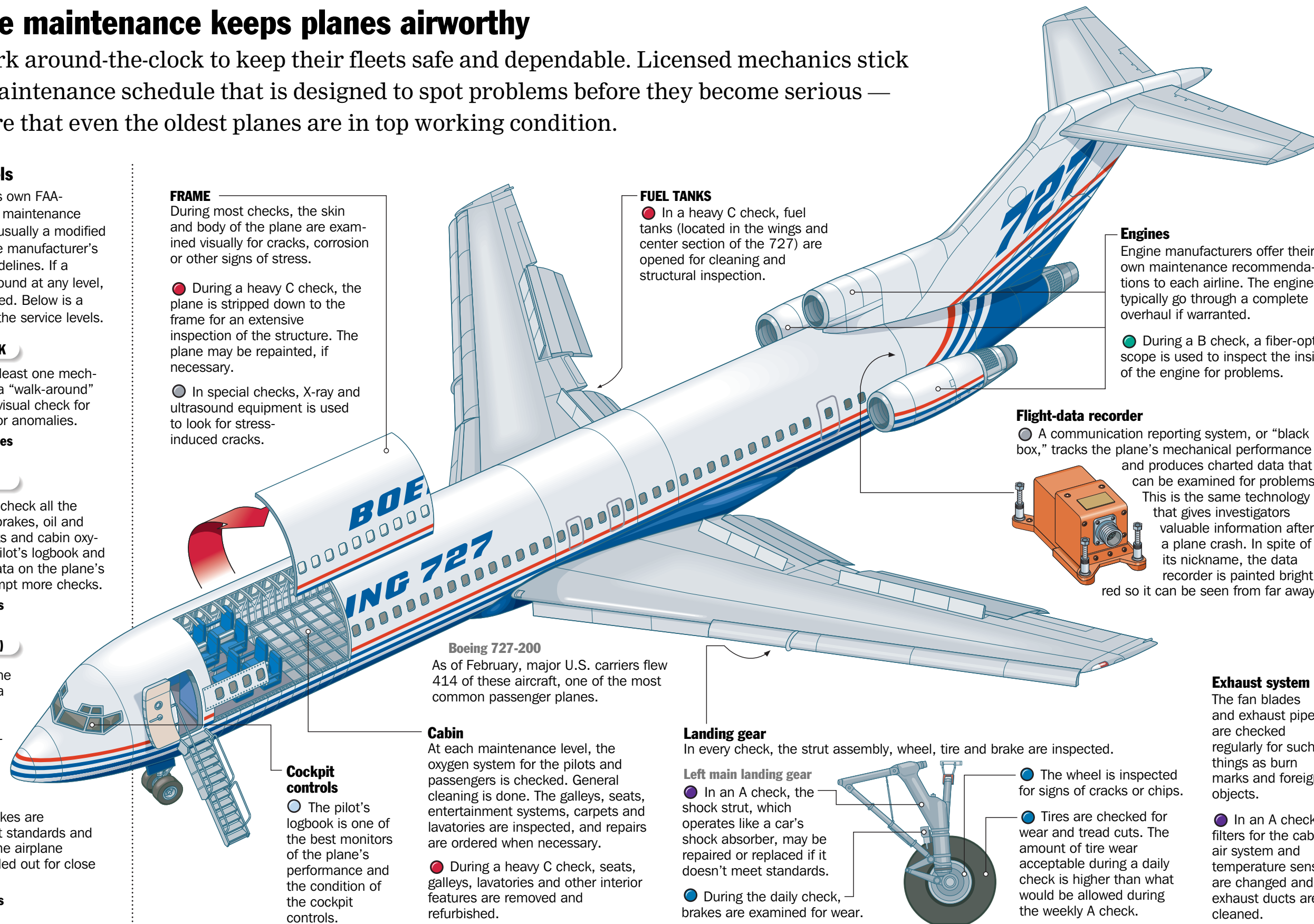
● The wheel is inspected for signs of cracks or chips.

● Tires are checked for wear and tread cuts. The amount of tire wear acceptable during a daily check is higher than what would be allowed during the weekly A check.

Exhaust system

The fan blades and exhaust pipes are checked regularly for such things as burn marks and foreign objects.

● In an A check, filters for the cabin air system and temperature sensor are changed and exhaust ducts are cleaned.

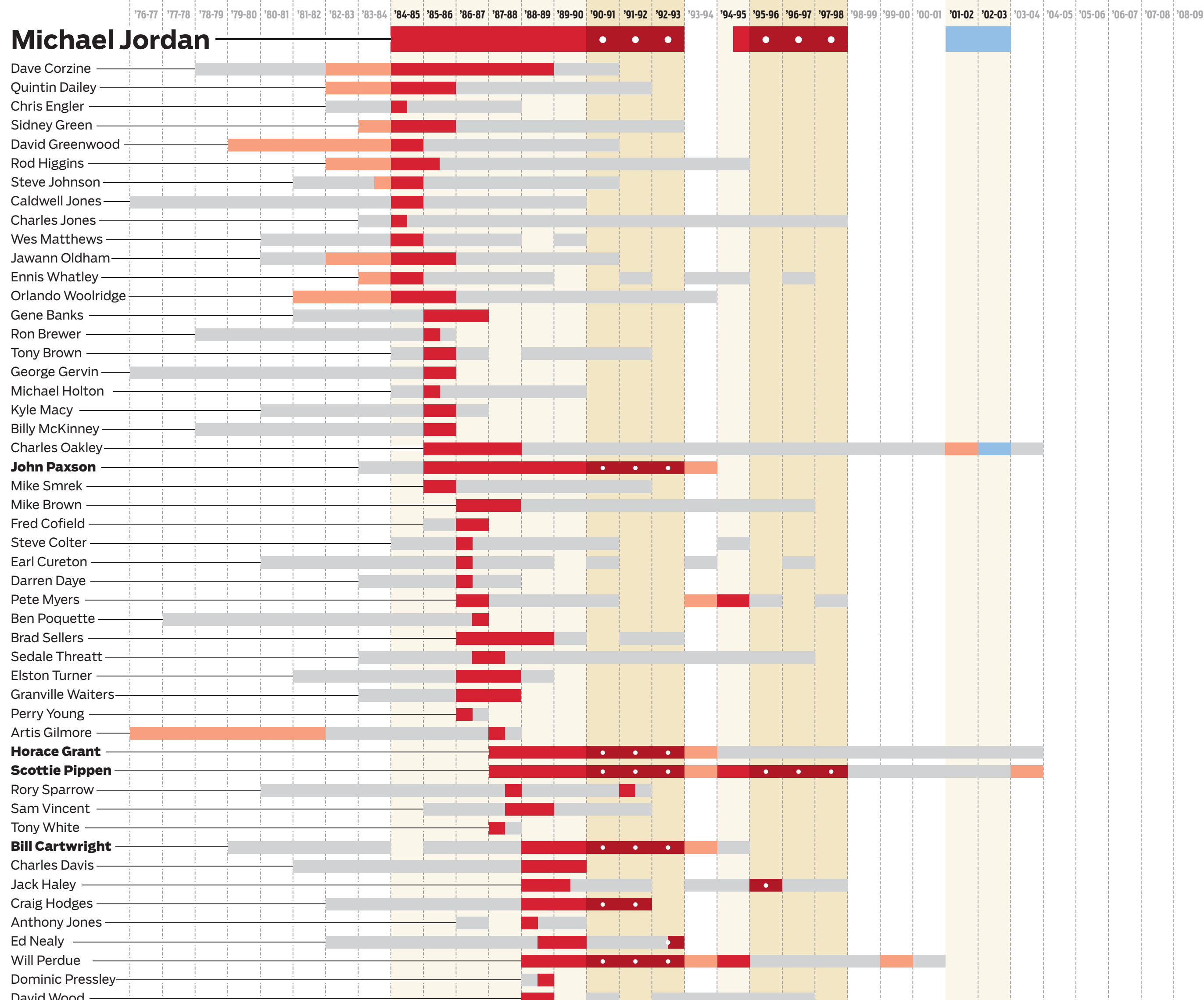


MY WORK

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The supporting cast

KEY TO JORDAN'S TEAMMATES: Bulls championship teams Bulls WITH Michael Jordan Bulls WITHOUT Michael Jordan Other NBA teams Wizards



MY WORK

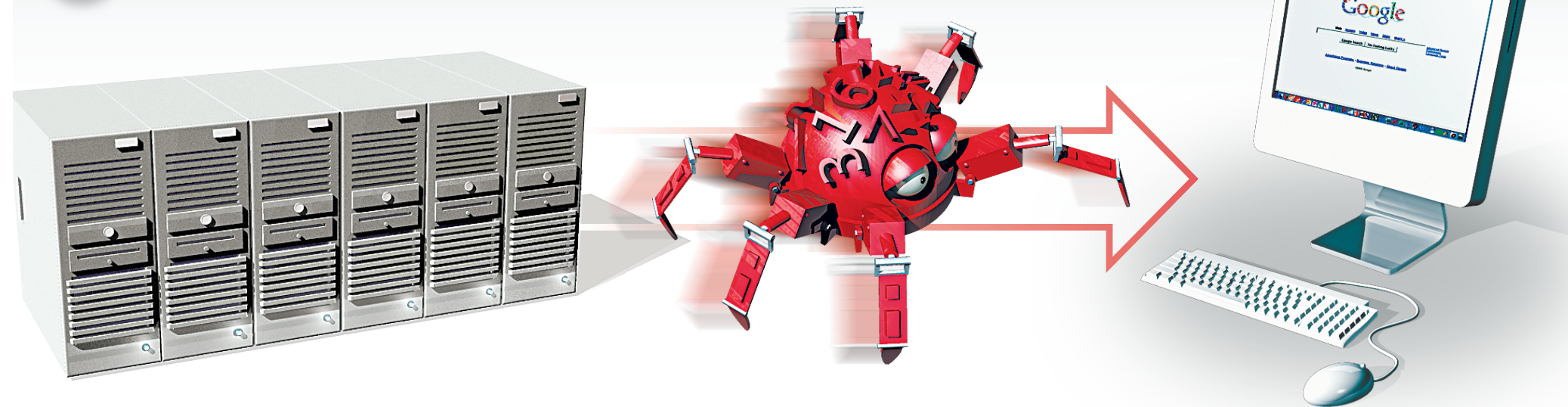
In 1994, I joined the graphics staff of the *Chicago Tribune*. I was part of an 18-person team, and worked specifically on informational graphics (as an artist).

The Web is tracking you

Web sites like Google keep track of their visitors by using cookies—small pieces of information that place a unique identification on every computer that accesses the site. Although cookies greatly assist Web site operators in a variety of ways, their use has raised privacy questions.

How cookies work

1 When a computer user accesses many Web sites for the first time, the server sends back a small piece of text—called a **cookie**—that is stored on the user's machine.



2 Cookies contain different types of information, depending on the Web server they originate from, but most include these components:

Identification tag: A unique number that the Web server uses to later identify the user.	Domain: The URL of the Web site the cookie came from.	Expiration date: Date (and time) that the cookie is set to expire.	<i>Examples:</i> MSN.com ... 2021 Yahoo 2027 Google 2038
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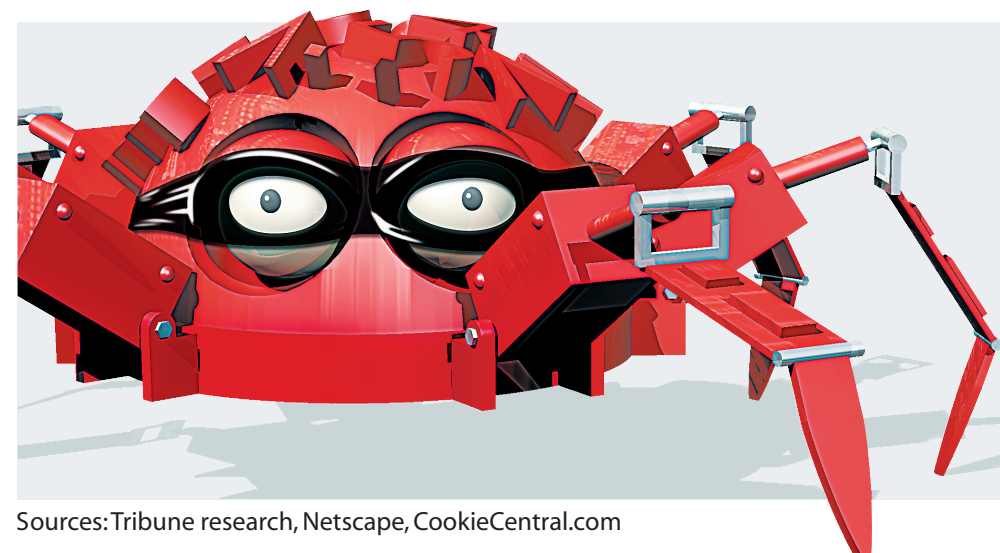
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<key>Value</key>
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This is what a cookie might look like on your computer. Operating systems display cookies in different ways.

Other information: Some Web sites include information specific to the user's history on the site. For example, the time and date the user set preferences or settings.

3 The Web site that sent the cookie can now use it for a variety of purposes:

- **How Google uses them:** Google tracks every search term and keeps the information on file for as long as the cookie lasts. Google says it uses the data to fine-tune the quality of its searches and to improve the way it ties advertising to search terms.
- **Ordering systems:** Retail Web sites often use cookies to keep records of what the user has purchased in the past.
- **Target marketing:** Web sites can track where users go and what they look at on the site, enabling them to understand the interests of each user and direct advertising their way.



The cookie controversy

Although cookies were originally designed to streamline the user's experience in accessing the information on the Internet, some entities are using cookies to track a user's every movement in order to build a profile of the person. While this sort of practice has been used primarily for advertising and targeted marketing, many privacy advocates suggest that this profiling can be used to obtain personal information in order to harm a user legally or financially.

MY WORK

In 1994, I joined the graphics staff of the *Chicago Tribune*. I was part of an 18-person team, and worked specifically on informational graphics (as an artist).

WHO ARE YOU?

Please fill out the first side of the questionnaire. Add a little pseudo-CSS in the box to describe yourself in three real or fake properties.

IDV460

INTERACTIVE DATA VIZ SPRING 16

QUESTIONNAIRE_01

[PLEASE PRINT LEGIBLY]

<1> What is your name on IU records?

<2> What do you wish to be called in class?

<3> What's the best way to reach you? (Provide phone # or email)

<4> What is your hometown?

<5> What are your career goals?

<6> What are your expectations for this class?

<7> Please describe yourself with three adjectives as if it were CSS.

<style>

</style>

WHO ARE YOU?

Please fill out the first side of the questionnaire. Add a little pseudo-CSS in the box to describe yourself in three real or fake properties.

<7> Please describe yourself with three adjectives as if it were CSS.

```
<style>
```

```
steve {  
  age: oldest;  
  loudness: +5;  
  eyesight: failing;  
}
```

```
</style>
```

WHO ARE YOU?

On the reverse side, please rate your level of ability and experience related to the kind of work we will be doing in IDV460.

QUESTIONNAIRE_02

[PLEASE MAKE A SMALL MARK IN EACH AREA]

<8> Please rate your computer skills in the following areas:

	NONE					SOME					A WHOLE LOT
ILLUSTRATION	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
DESIGN	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
DATA	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CODING	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PROGRAMMING	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<9> Please rate your level of experience with each of the following:

	NONE					SOME					A WHOLE LOT
HTML	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CSS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
JAVASCRIPT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EXCEL	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ILLUSTRATOR	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EDGE ANIMATE	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<10> Please circle the classes you have taken previously:

J463 (Design 1)	J464 (Infographics)	J360 (Web Design 1)	J360 (Web Design 2)	Other web design (Please list)
---------------------------	-------------------------------	-------------------------------	-------------------------------	--

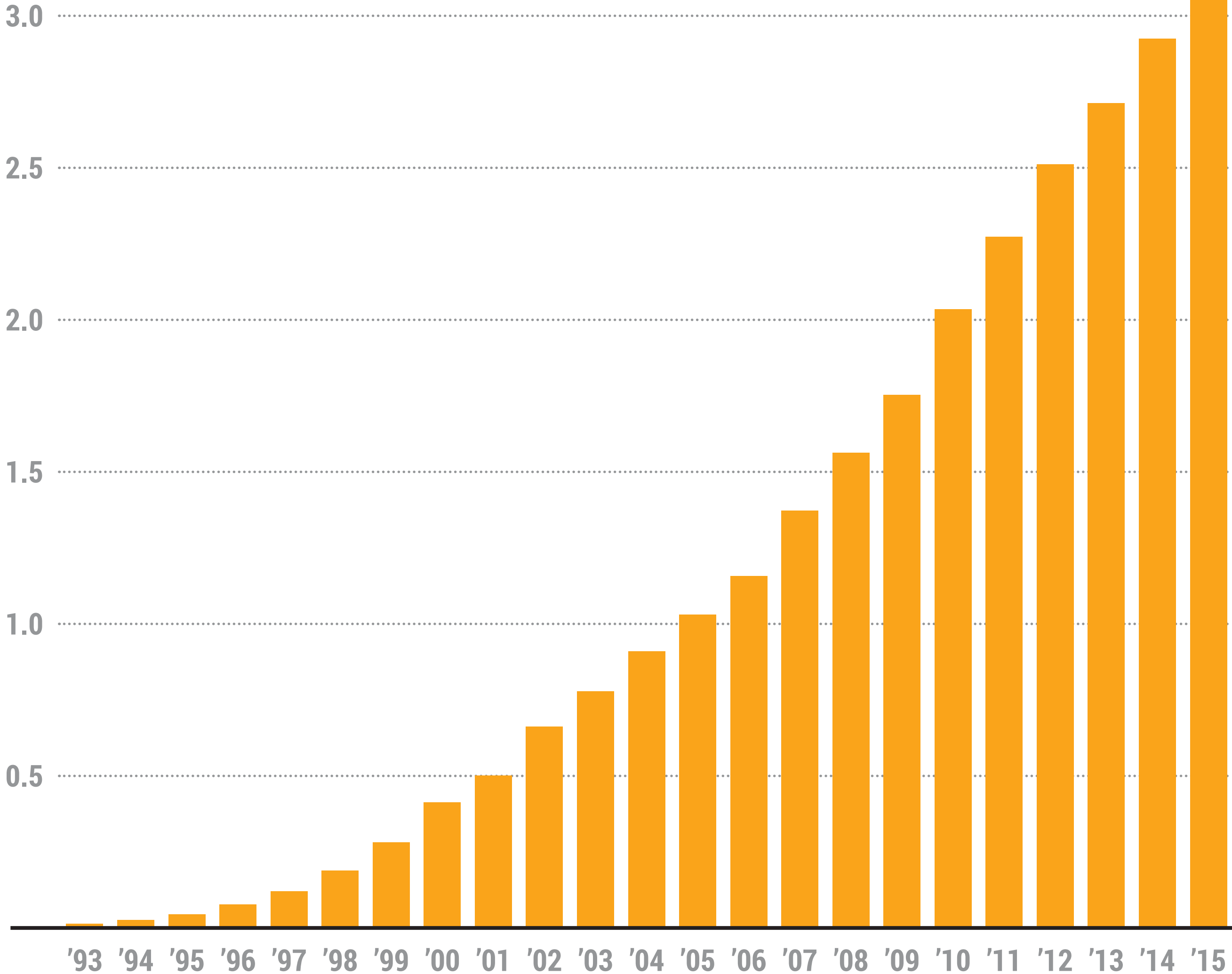
WHO ARE YOU?

As you are working on these pages, be thinking about how you will respond to these simple questions; we will shortly go around the room and learn your answers.

- *What is your name?*
- *Where are you from?*
- *Where are you in school (Junior majoring in Journalism, e.g.)*
- *What is one interesting thing about you that you would like to share?*

WORLDWIDE INTERNET USERS

IN BILLIONS



SOURCE: Internet Live Stats

MY WORK

My time at the *Tribune* was marked by a dramatic upsurge in the number of Internet users worldwide.

WORLDWIDE INTERNET USERS

IN BILLIONS



internet live stats live 1 second watch trends & more

Internet users in the world

3,282,989,276

All on this page, one by one

watch as they increase

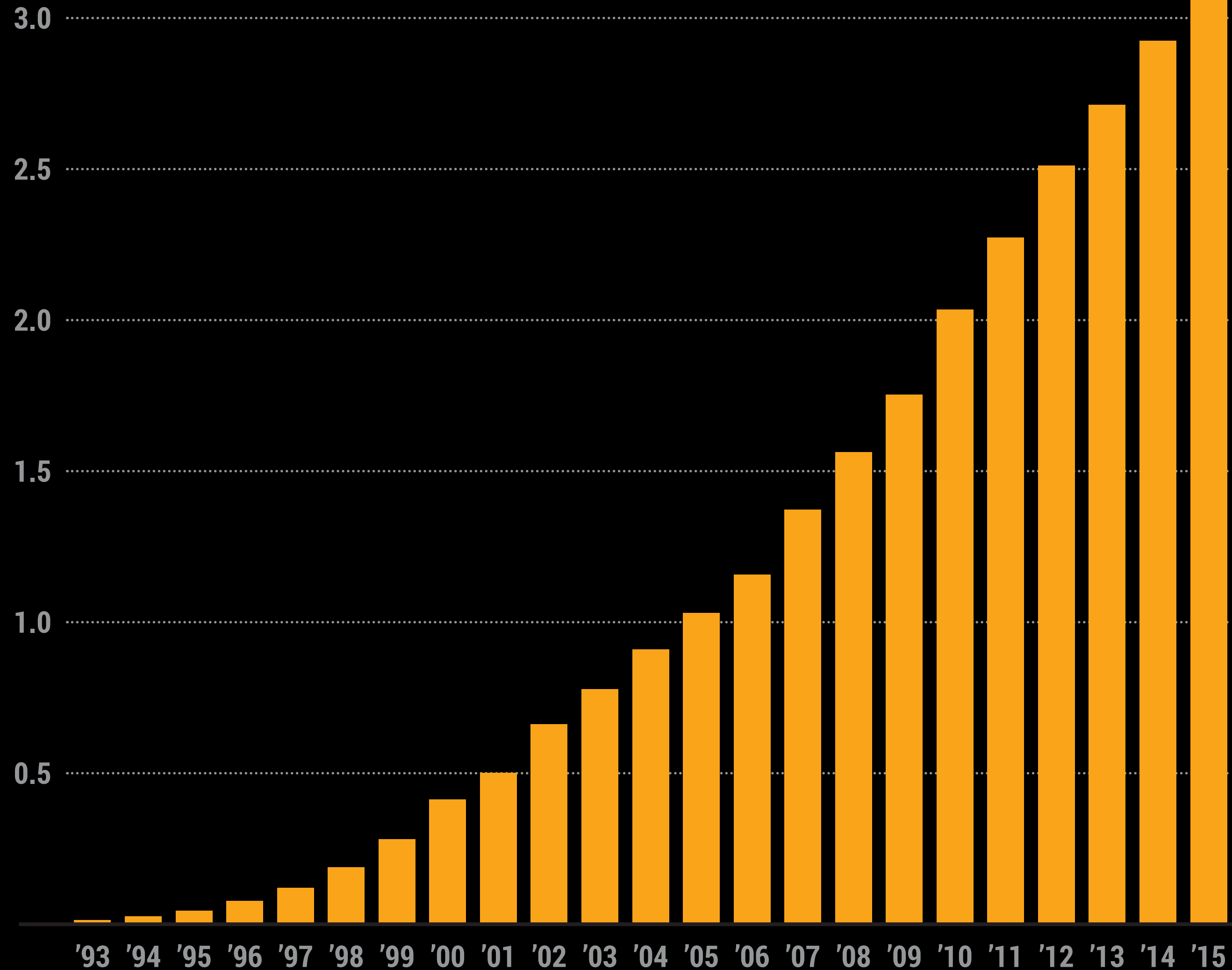
<http://www.internetlivestats.com/watch/internet-users/> (6:40 pm on Saturday)

SOURCE: Internet Live Stats

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WORLDWIDE INTERNET USERS

IN BILLIONS



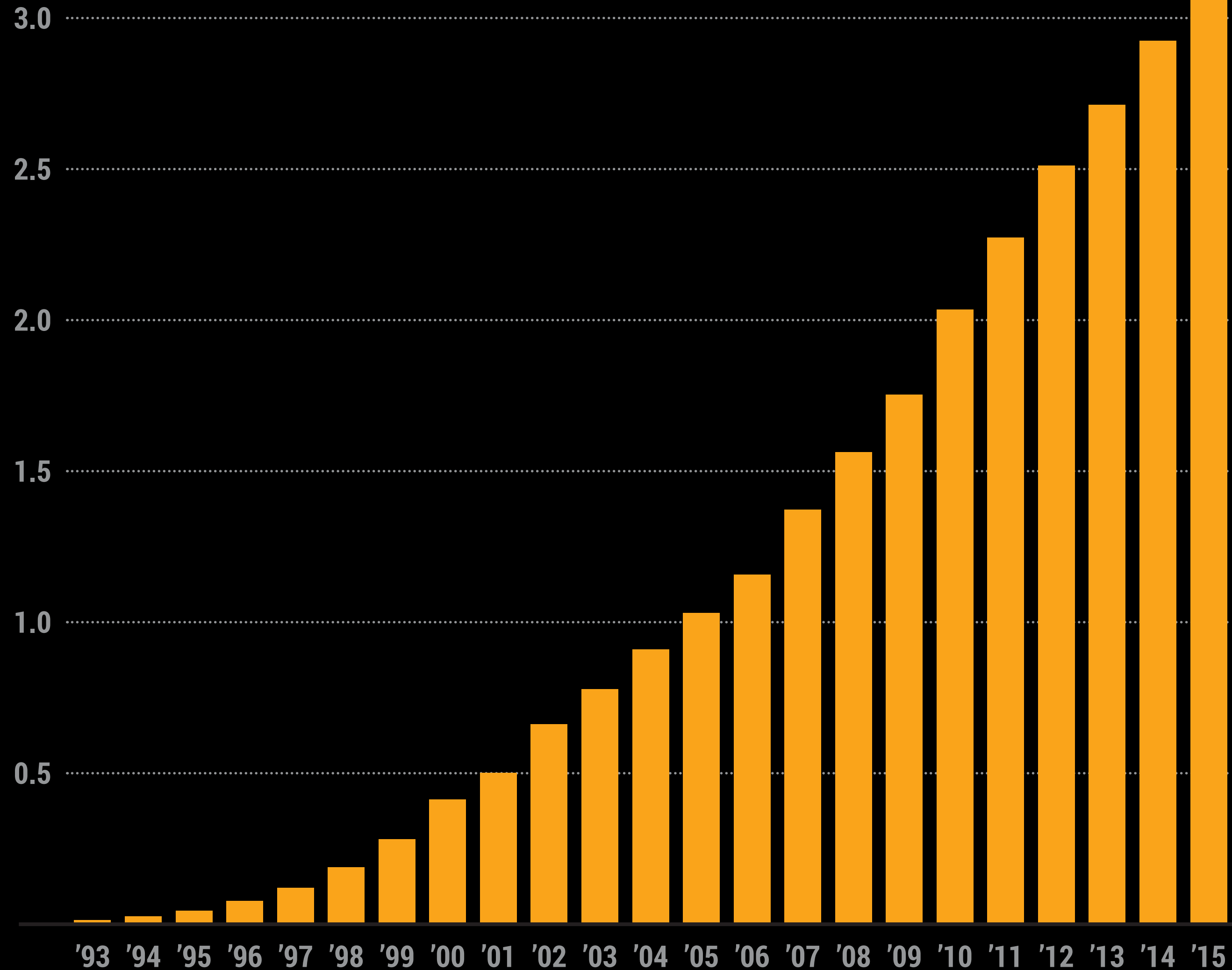
SOURCE: Internet Live Stats

DIGITAL FIRST

Of course, this shift also brought great challenges to my newspaper, as well as to every other paper in the world.

WORLDWIDE INTERNET USERS

IN BILLIONS



SOURCE: Internet Live Stats

DIGITAL FIRST

But it also brought (and brings) great opportunity. The power of computing provides visual storytellers (or graphic journalists) unparalleled means of creating information-rich content.

Top news



Mourners paid their respects to Quintonio LeGrier on Jan. 9, 2016. LeGrier, 19, was fatally shot by the police in late December as officers responded to a domestic disturbance call from a West Garfield Park residence.

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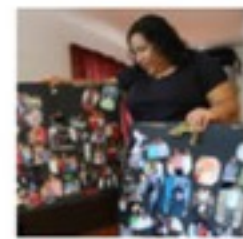
NATION & WORLD 10:52 AM
\$900M Powerball jackpot: 'You buy more than two, you're just stupid'



BREAKING NEWS 5:16 PM
1 dead, 4 others wounded in Chicago shootings since Saturday morning



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Muslim woman kicked out of Trump — for protesting silently



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Chicago police



CHICAGO BEARS 10:51 AM



Chicago Tribune

QUESTIONS? CALL 1-800-TRIBUNE

SATURDAY, JANUARY 9, 2016

BREAKING NEWS AT CHICAGOTRIBUNE.COM

\$800,000,000

Mania spreads as Powerball jackpot for Saturday hits record levels; chance of winning is more than 292 million-to-1

BY MATT MCCALL
Chicago Tribune

The line winding into the aisles of the 7-Eleven on East Ohio Street in Chicago on Friday was full of self-proclaimed lottery winners of what has grown to be an \$800 million Powerball jackpot, the largest in U.S. history. Some clutched \$2 for one ticket, and others brought \$10 or \$20 to buy several. All hoped for a return on

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Turn to Powerball, Page 2



Thomas Williams, of Gary, Ind., kisses his Powerball tickets for good luck Thursday after buying them at the Water Tower newsstand on Michigan Avenue in Chicago.

United to pay \$2.75M in DOT penalties

Disability, tarmac violations add up to historically big fine

BY BECKY YERAK
Chicago Tribune

Stranding passengers on planes and providing inadequate service to disabled fliers will cost Chicago-based United Airlines \$2.75 million as part of an agreement with the Department of Transportation.

That includes a \$2 million penalty for violating rules intended to protect disabled passengers, among the largest fines ever levied by the government over a non-safety-related matter at an airline. Of that sum, United will pay the Treasury Department \$700,000 and will receive credit for money it spends to address the issue.

"It is our duty to ensure that travelers with disabilities have access to the services they need, and that when significant tarmac delays happen, travelers are not left on the plane," Transportation Secretary Anthony Foxx said in a statement.

The department said its investigation of United's compliance with the Air Carrier Access Act rules was due to a significant rise in the number of disability-related complaints United got from consumers in 2014. The airline failed to provide disabled passengers with "prompt and adequate assistance" getting on and off planes and with moving through terminals at O'Hare International Airport, Denver International Airport, Newark International Airport and Dulles International Airport.

United several times failed to

Cubs, neighbors have competing interests as new outdoor venue takes shape



NANCY STONE/CHICAGO TRIBUNE

Wrigley plaza rules in play

BY JOHN BYRNE
Chicago Tribune

Another round of

set rules at the outdoor fan area the Ficketts family is building. Beer and

novation, which also includes the

DIGITAL FIRST
The change from print to digital forced many news organizations to adopt a "digital first" philosophy, with the print product as just one of many publishing concerns.

Top news



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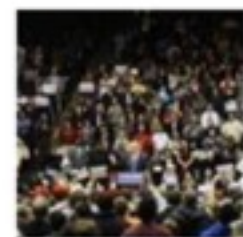
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DIGITAL FIRST
Digital first gives the news greater immediacy, removing the obstacles of time (the time to print the paper) and distance (the challenges in carrying it to consumers).

Top news



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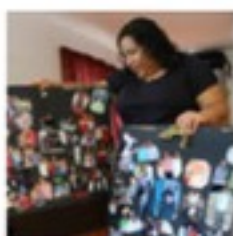
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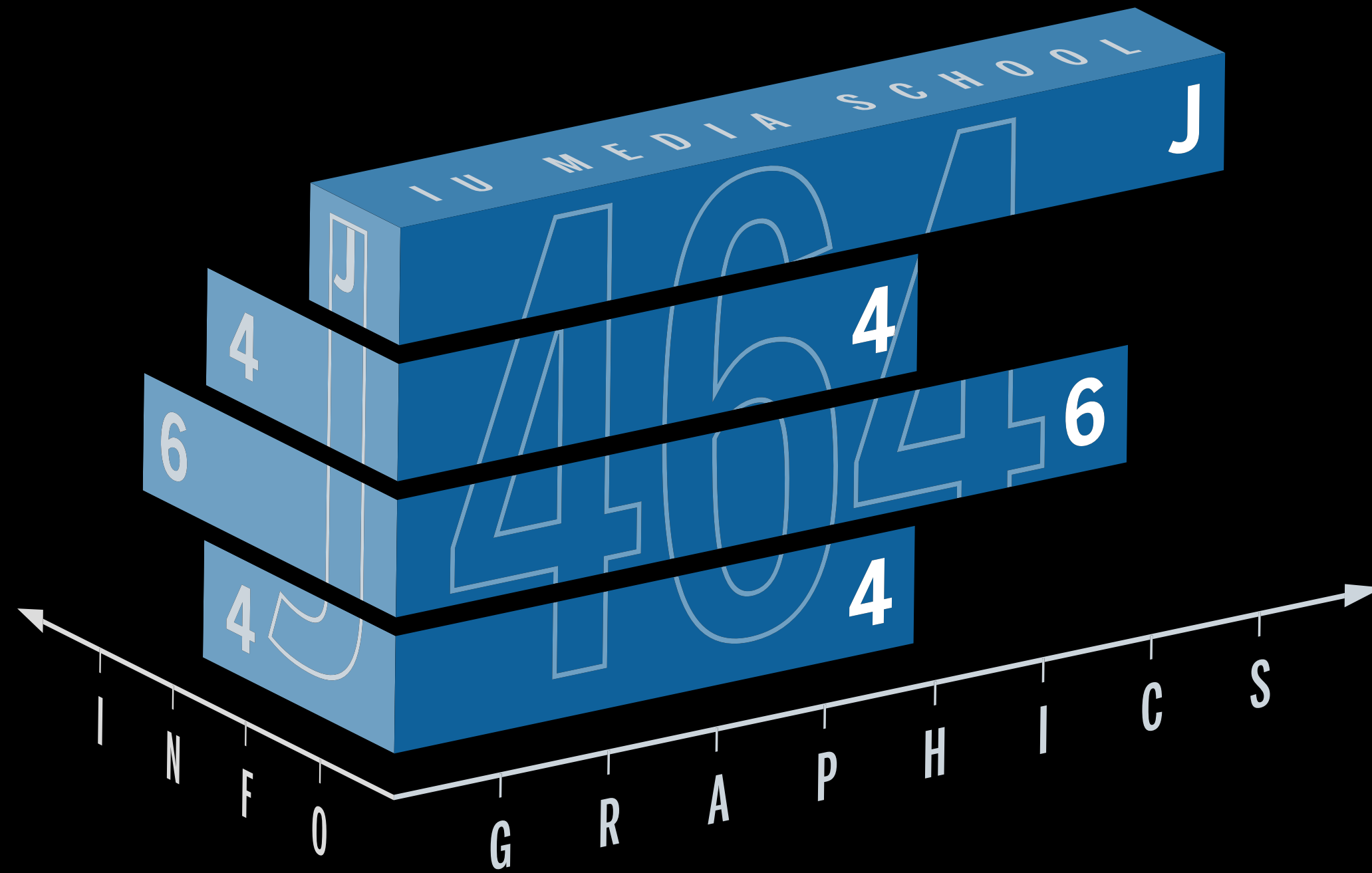
novation, which also includes the

DIGITAL FIRST
Additionally, consuming news on screens provides the user with the opportunity to watch video, hear audio, and select the content she wishes to see.

GOALS FOR THIS CLASS

GOALS FOR THIS CLASS

This class can be seen as an extension of J464 into making graphics interactive – and making graphics a richer, more in-depth experience for the reader/user.



GOALS FOR THIS CLASS

It can also be seen as an extension of web design (J360), incorporating a higher level of scripting as well as data analysis and presentation.



The image shows a webpage for the 'J360 web design' course. At the top, the title 'J360 web design' is prominently displayed in a large, bold, sans-serif font. Below the title, there is a horizontal line with contact information: '11:15-1:15 M & W • OFFICE HOURS: 11-1 TUESDAYS • BLLAYTON@INDIANA.EDU EP 210 • 855-1699'. The page is divided into two main columns. The left column features a circular portrait of a man, identified as Rob Macdonald, with a caption 'Image via Carl Court/ AFP/Getty Images'. Below the portrait is a quote from Tim Berners-Lee: 'Anyone who has lost track of time when using a computer knows the propensity to dream, the urge to make dreams come true and the tendency to miss lunch.' - TIM BERNERS-LEE, INVENTOR OF THE WORLD WIDE WEB. The right column contains an 'INTRODUCTION' section. It begins with a quote from Rob Macdonald: 'Once upon a time, a long time ago, a traveler came to Baltimore to visit the Digital Harbor. There, in the renovated sweatshops and warehouses along the water, he observed hundreds of software engineers hunched over their keyboards, pecking away incessantly. To him it looked like soulless work. He pitied them. Interrupting one worker, he said, "Isn't it boring, writing lines of programming code all day?" The programmer looked up and said, "Writing code? I'm not writing code. I'm building a cathedral."' - Rob Macdonald, owner Robroy & Co. Below this is a paragraph: 'This excerpt, written by a longtime friend of mine, typifies the misconceptions associated with coding. To outsiders, it seems like a lonely, tedious and slow process. It's hard for computer users to make a connection between the beautiful software they use day in and out with the process required to create it.' This is followed by another paragraph: 'But building websites can be an enormously satisfying endeavor. Think of it as playing a video game. You must complete many levels before solving it. It challenges your logic. You have to pick up and learn how to use tools — in our case, HTML, CSS and Javascript. At times, you might have to consult other players for hints. Most importantly, you learn shortcuts along the way that improve your progress each time you play. And the entire process, not just finishing the game, is fun (but also frustrating at times). Now you understand the mindset you need in starting to design web pages.' At the bottom of the page, there are two links: 'schedule' and 'next'.

J360 web design

11:15-1:15 M & W • OFFICE HOURS: 11-1 TUESDAYS • BLLAYTON@INDIANA.EDU EP 210 • 855-1699



Image via Carl Court/ AFP/Getty Images

“Anyone who has lost track of time when using a computer knows the propensity to dream, the urge to make dreams come true and the tendency to miss lunch.”

- TIM BERNERS-LEE, INVENTOR OF THE WORLD WIDE WEB

INTRODUCTION

“Once upon a time, a long time ago, a traveler came to Baltimore to visit the Digital Harbor. There, in the renovated sweatshops and warehouses along the water, he observed hundreds of software engineers hunched over their keyboards, pecking away incessantly. To him it looked like soulless work. He pitied them. Interrupting one worker, he said, “Isn’t it boring, writing lines of programming code all day?” The programmer looked up and said, “Writing code? I’m not writing code. I’m building a cathedral.”

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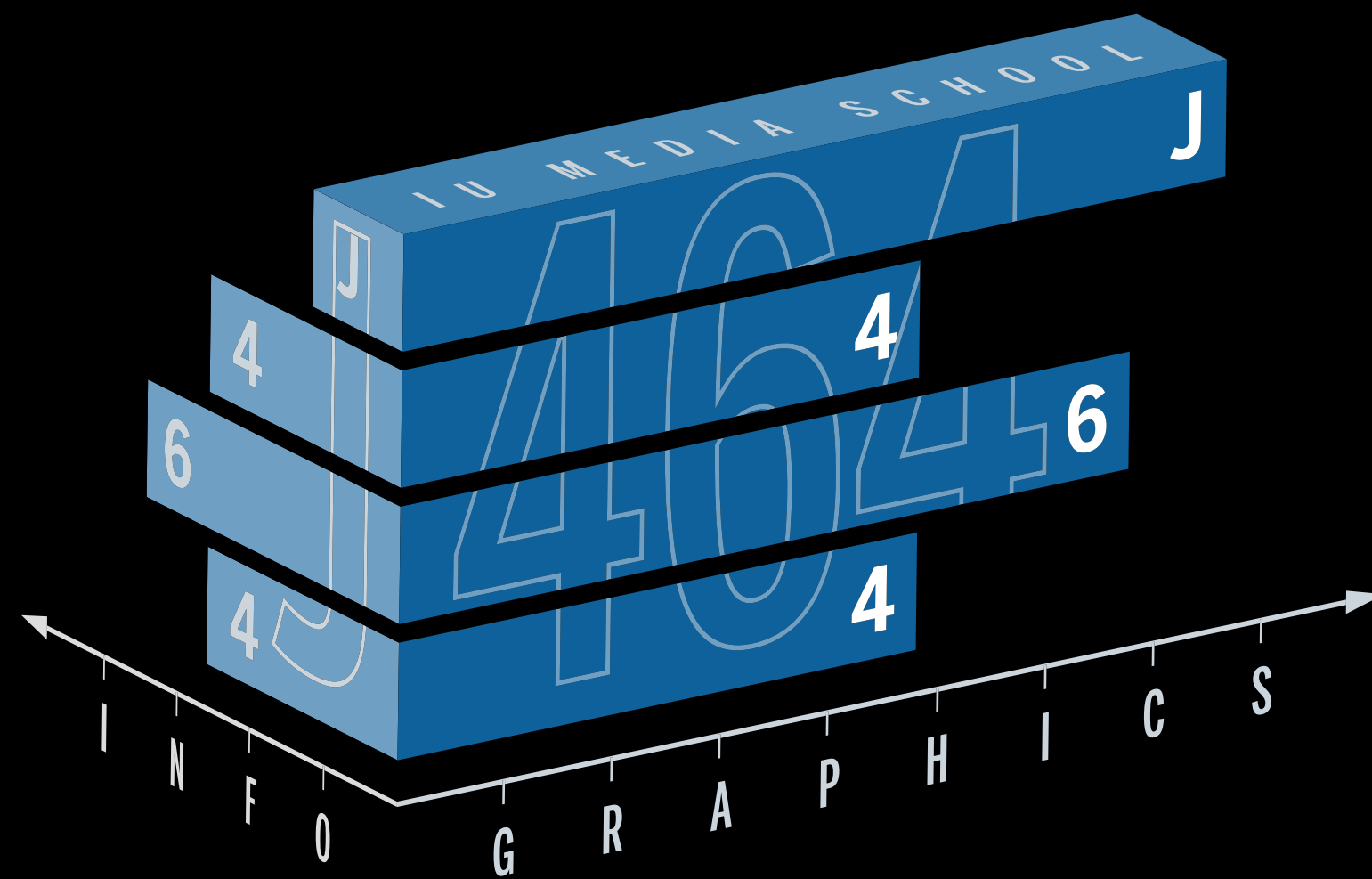
This excerpt, written by a longtime friend of mine, typifies the misconceptions associated with coding. To outsiders, it seems like a lonely, tedious and slow process. It’s hard for computer users to make a connection between the beautiful software they use day in and out with the process required to create it.

But building websites can be an enormously satisfying endeavor. Think of it as playing a video game. You must complete many levels before solving it. It challenges your logic. You have to pick up and learn how to use tools — in our case, HTML, CSS and Javascript. At times, you might have to consult other players for hints. Most importantly, you learn shortcuts along the way that improve your progress each time you play. And the entire process, not just finishing the game, is fun (but also frustrating at times). Now you understand the mindset you need in starting to design web pages.

[schedule](#) [next](#)

GOALS FOR THIS CLASS

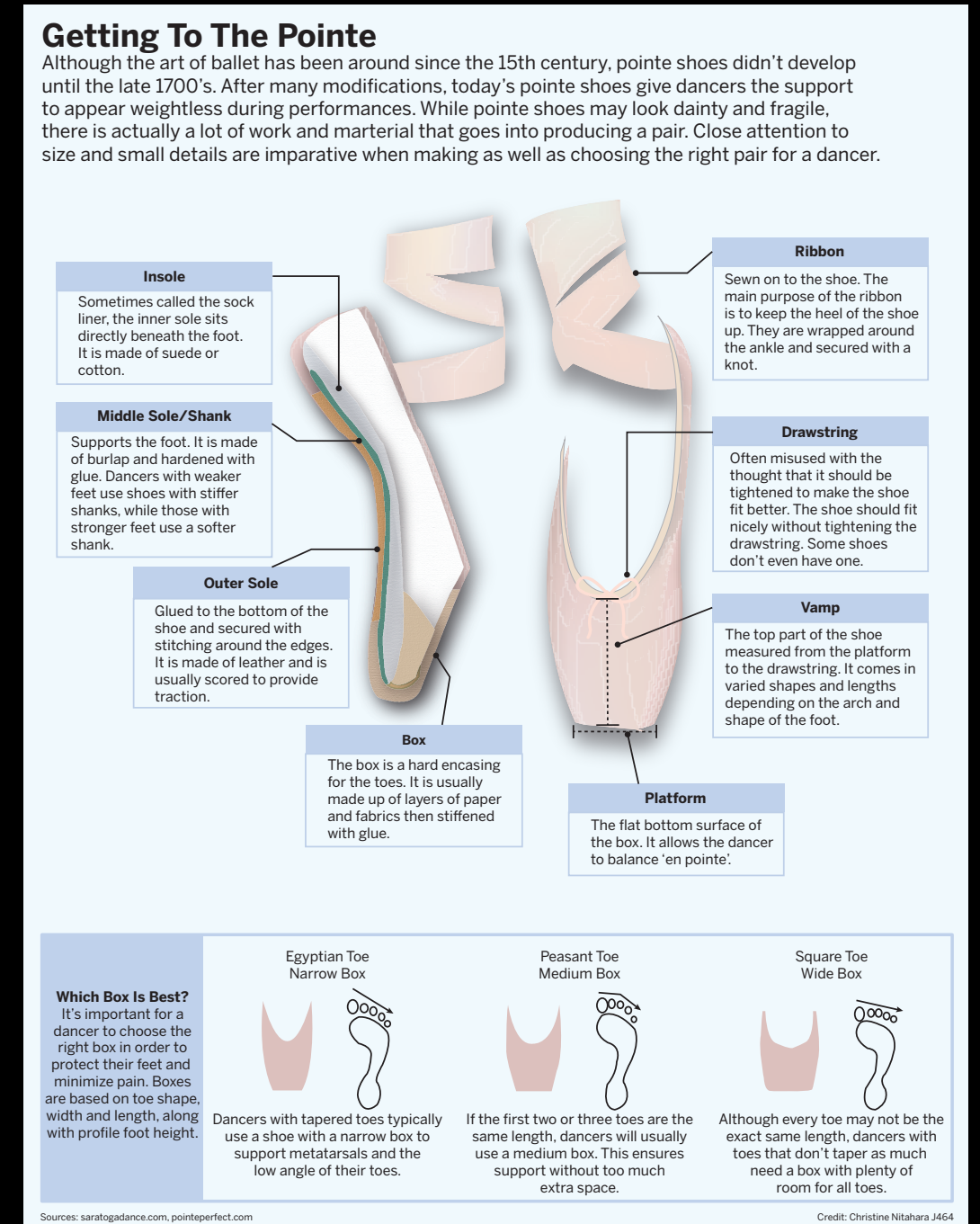
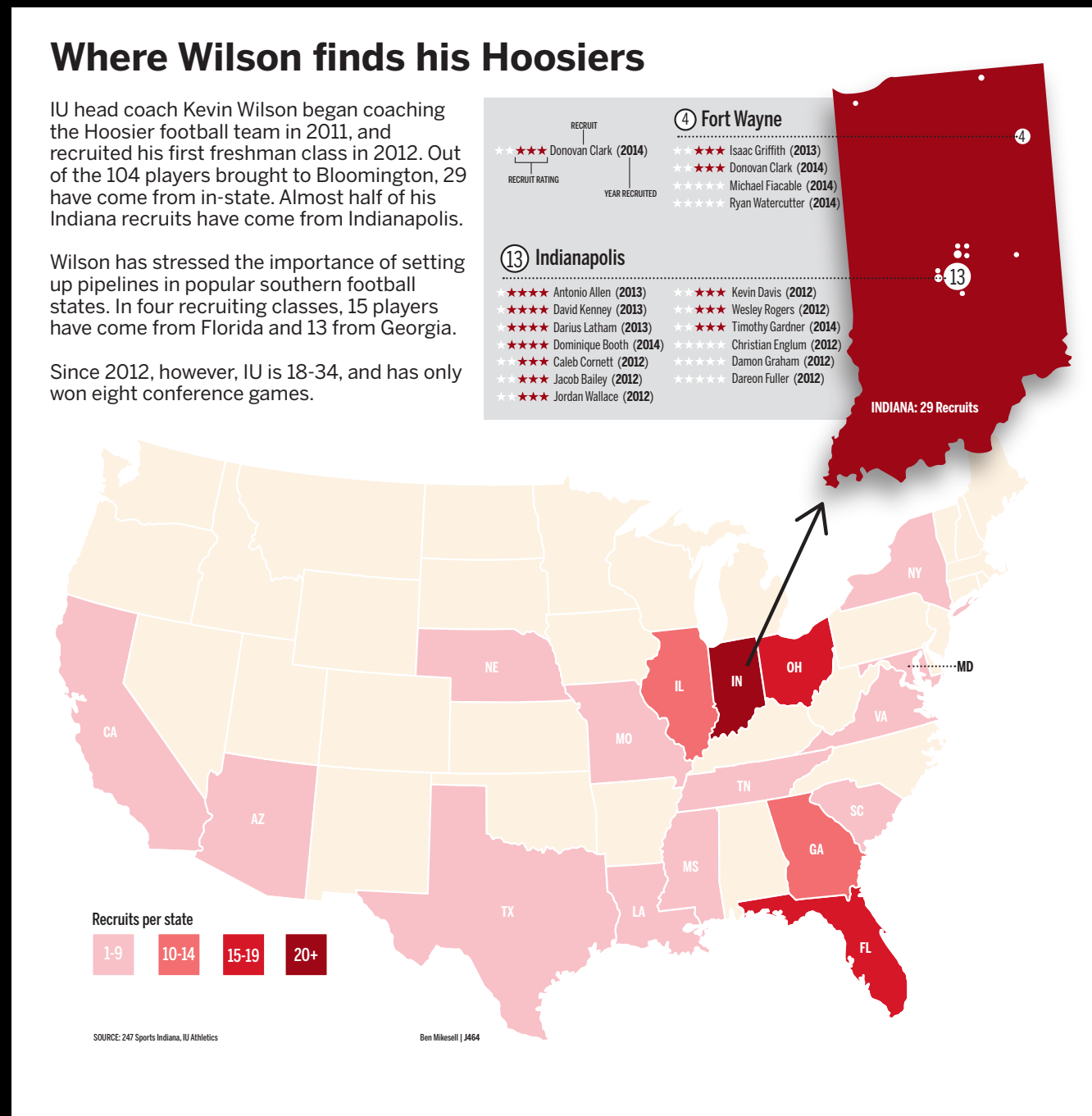
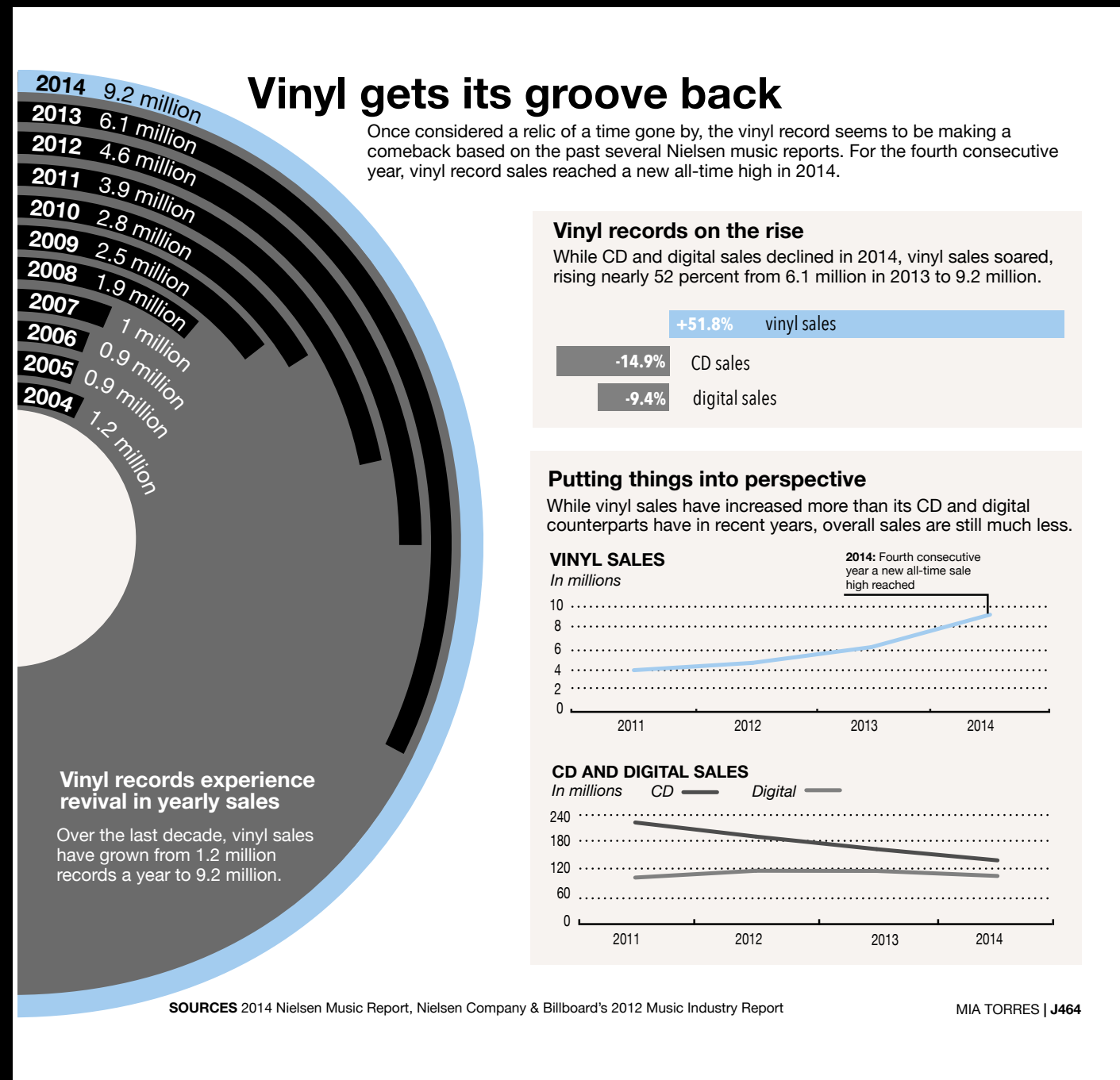
We have students in this class from each of these classes, plus a few from both and a few from neither.



Our primary goal is to bring these two worlds together for you — to help you see how the presentation of data can be enhanced by web technologies, and how web technologies can be enhanced by the presentation of data.

GOALS FOR THIS CLASS

J464 projects were self-selected, self-researched and self-executed. Students used Illustrator to complete a chart package, a map and a diagram.



GOALS FOR THIS CLASS

In this class we, will produce two major projects — one just before spring break, and one as a final project. The first will your choice of topic, and the second will be based on our work with a series of data sets related to Bonnie Layton’s J460 class: Immersive Journalism.

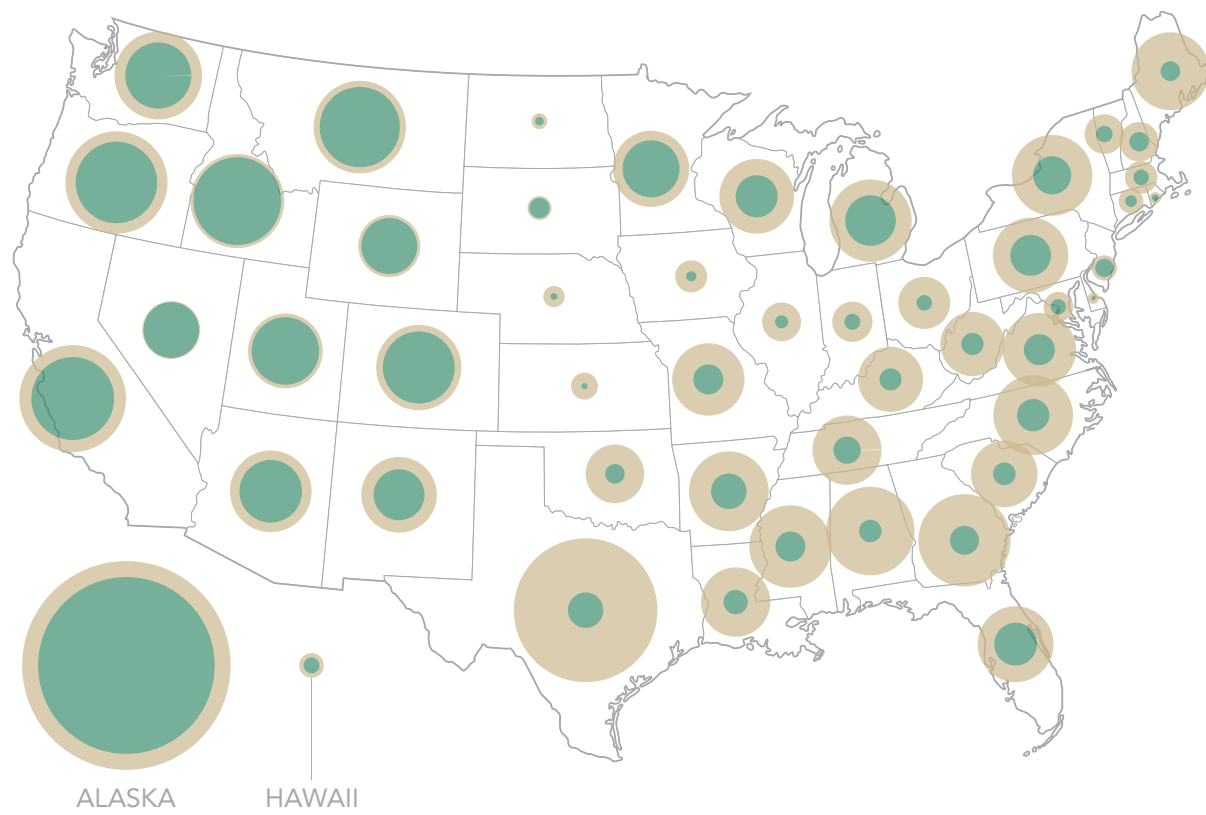
Forest acreage by state

About one-third of the United States’ 2.3 million acres is forested; a little more than 40 percent of that land is publicly owned. There is a sharp east-west divide in land ownership, however, with forests in the east and Midwest far more likely to be privately owned than in the west.

U.S. forest ownership (in acres)

Private:
470.6 million

Public:
328.3 million

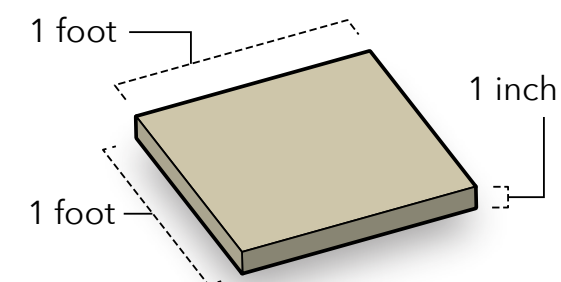


SOURCE: National Association of State Foresters

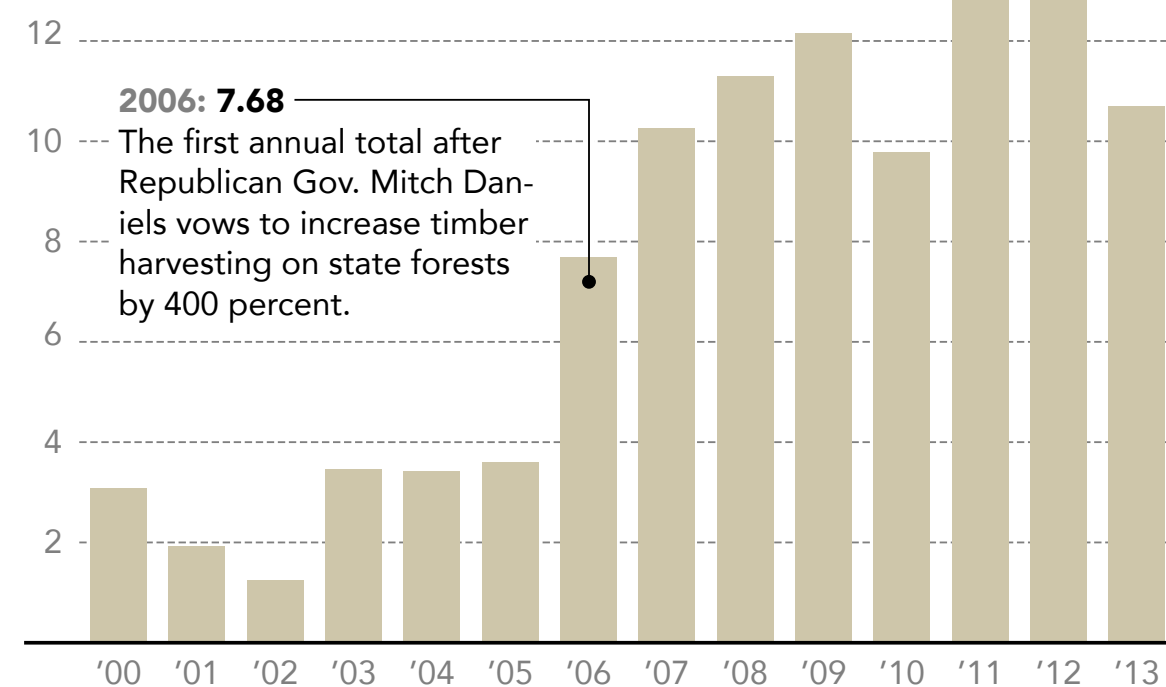
Surge in Indiana timber harvesting

Timber sales are measured in board feet — one square foot one inch thick. Over the last six years, Indiana has sold an annual average of 11.7 million board of timber from its state forests, compared to less than 3 million per year from 2000 to 2005.

1 board foot



Indiana timber harvest by fiscal year*
In millions of board feet

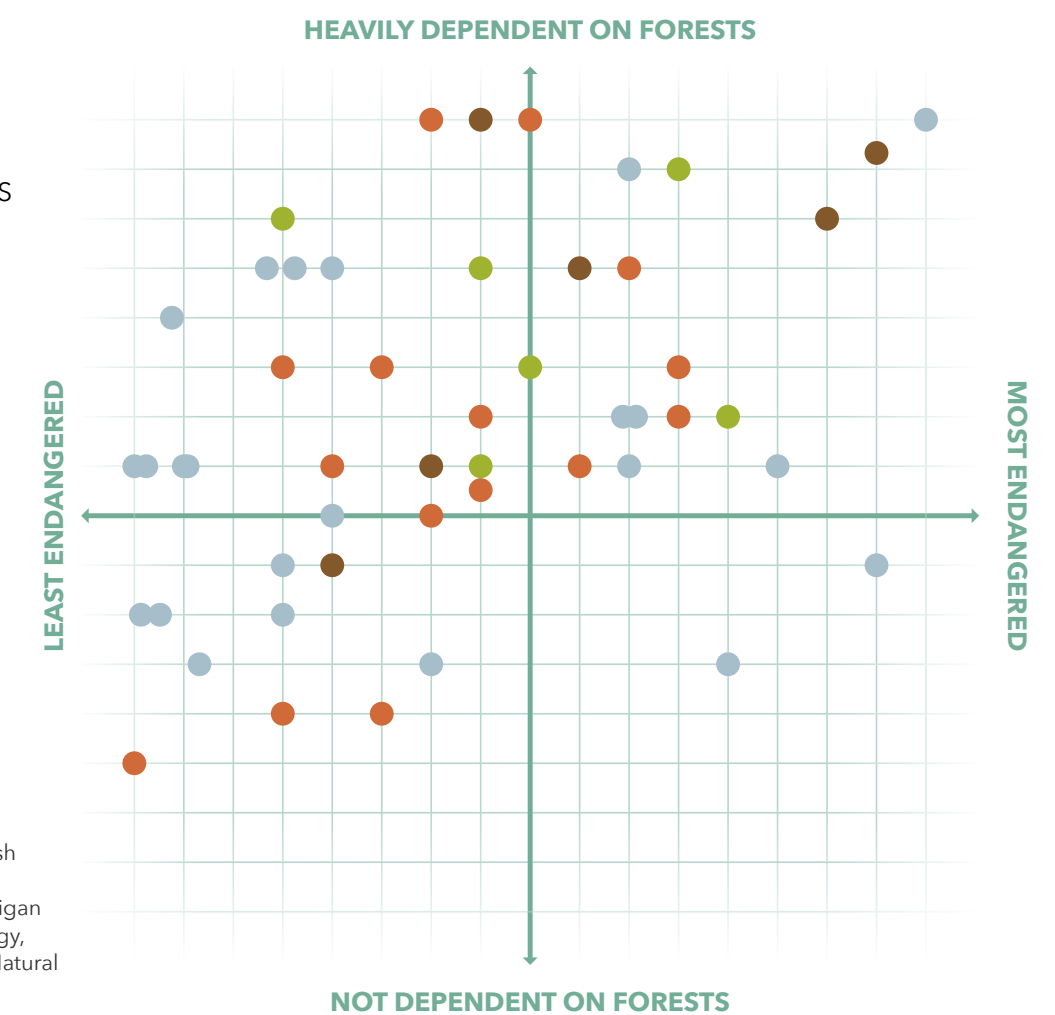


*Fiscal year ends June 30 SOURCE: Indiana Dept. of Natural Resources

Indiana’s endangered animals

There are 53 species of mammals, reptiles, amphibians and birds on the state’s list of endangered animals. The majority of them — and the majority of the most imperiled — depend heavily on forest habitat for their survival.

- MAMMALS
- BIRDS
- REPTILES
- AMPHIBIANS



SOURCES: U.S. Fish & Wildlife Service, University of Michigan Museum of Zoology, Indiana Dept. of Natural Resources

HOW?

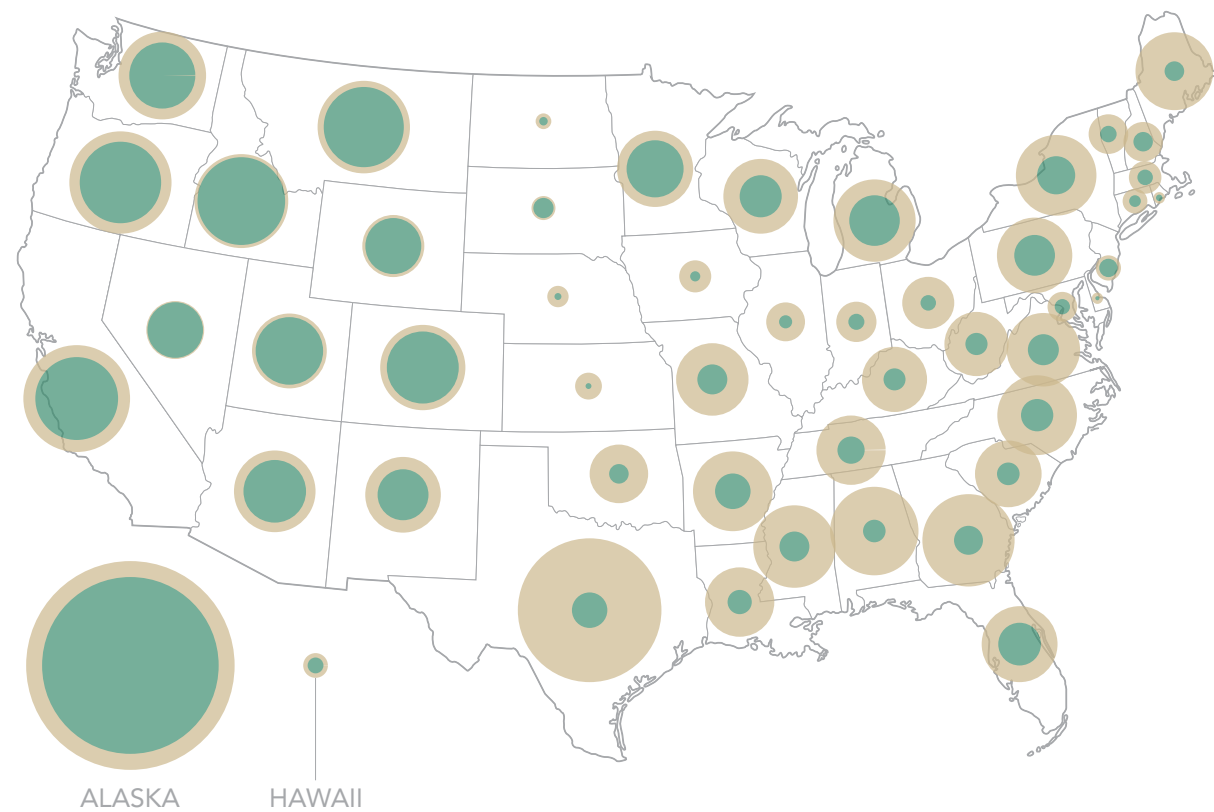
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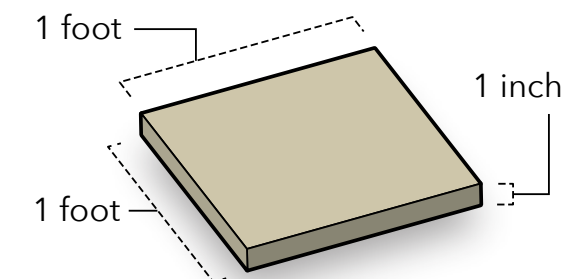


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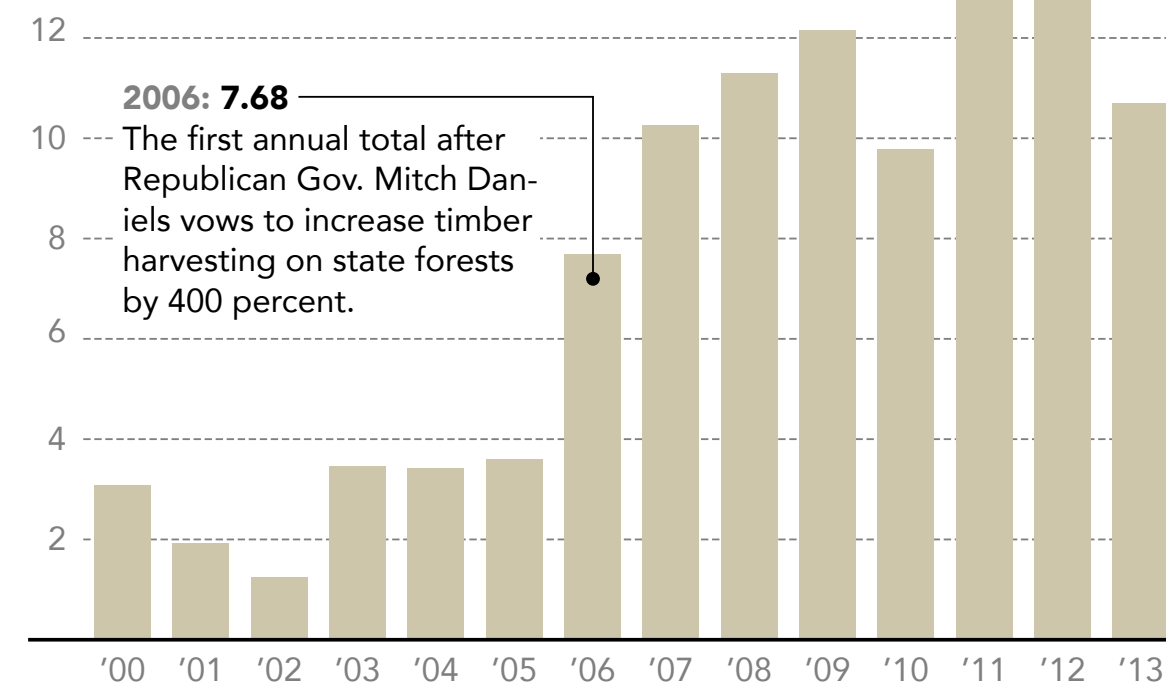
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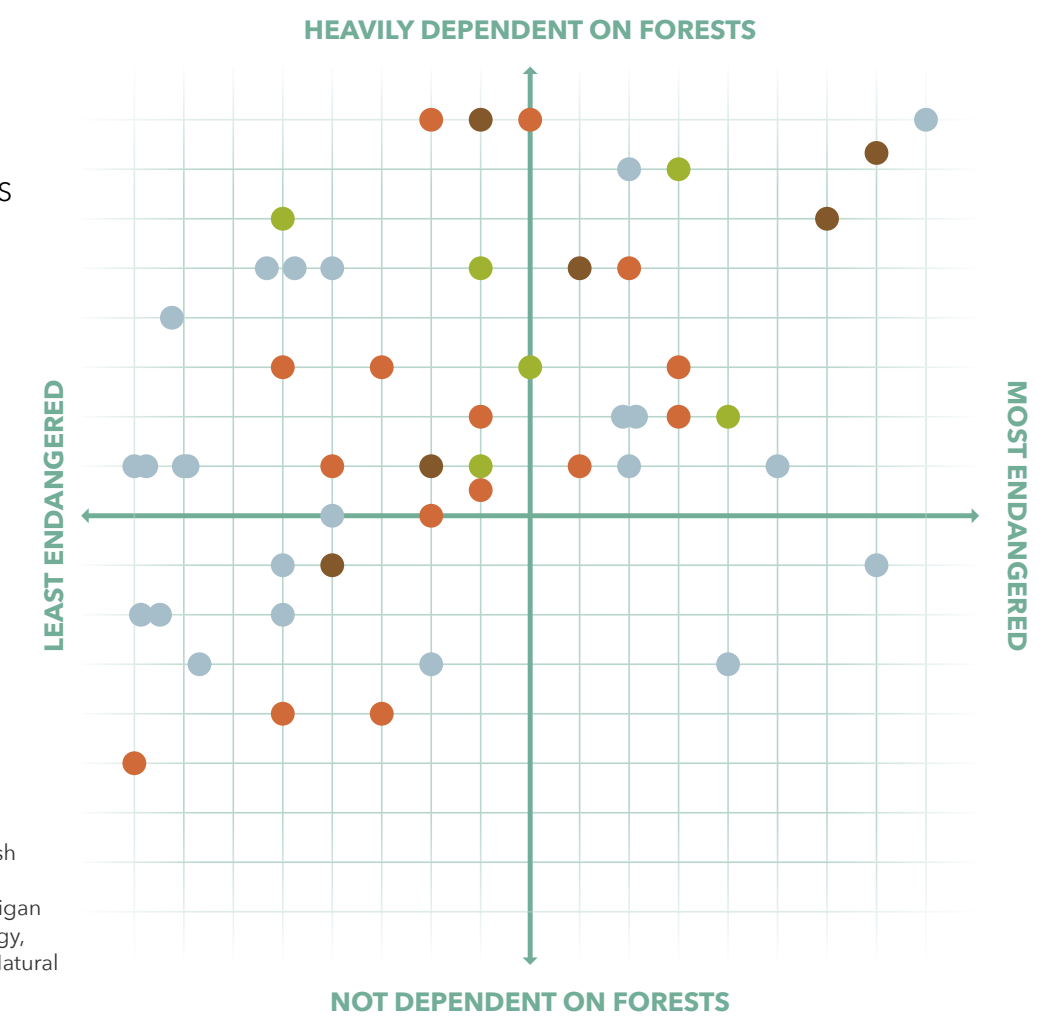


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Indiana's endangered animals

There are 53 species of mammals, reptiles, amphibians and birds on the state's list of endangered animals. The majority of them — and the majority of the most imperiled — depend heavily on forest habitat for their survival.

- MAMMALS
- BIRDS
- REPTILES
- AMPHIBIANS



SOURCES: U.S. Fish & Wildlife Service, University of Michigan Museum of Zoology, Indiana Dept. of Natural Resources

A LITTLE HISTORY

During my time at the Tribune, and indeed when I began teaching at IU, there was industry-standard software for creating interactive graphics.




A LITTLE HISTORY

Flash, and the Flash Player, were all over the Web at the time. But Flash had some issues that set it on a collision course with oblivion – at least as far as journalism (and information presentation).

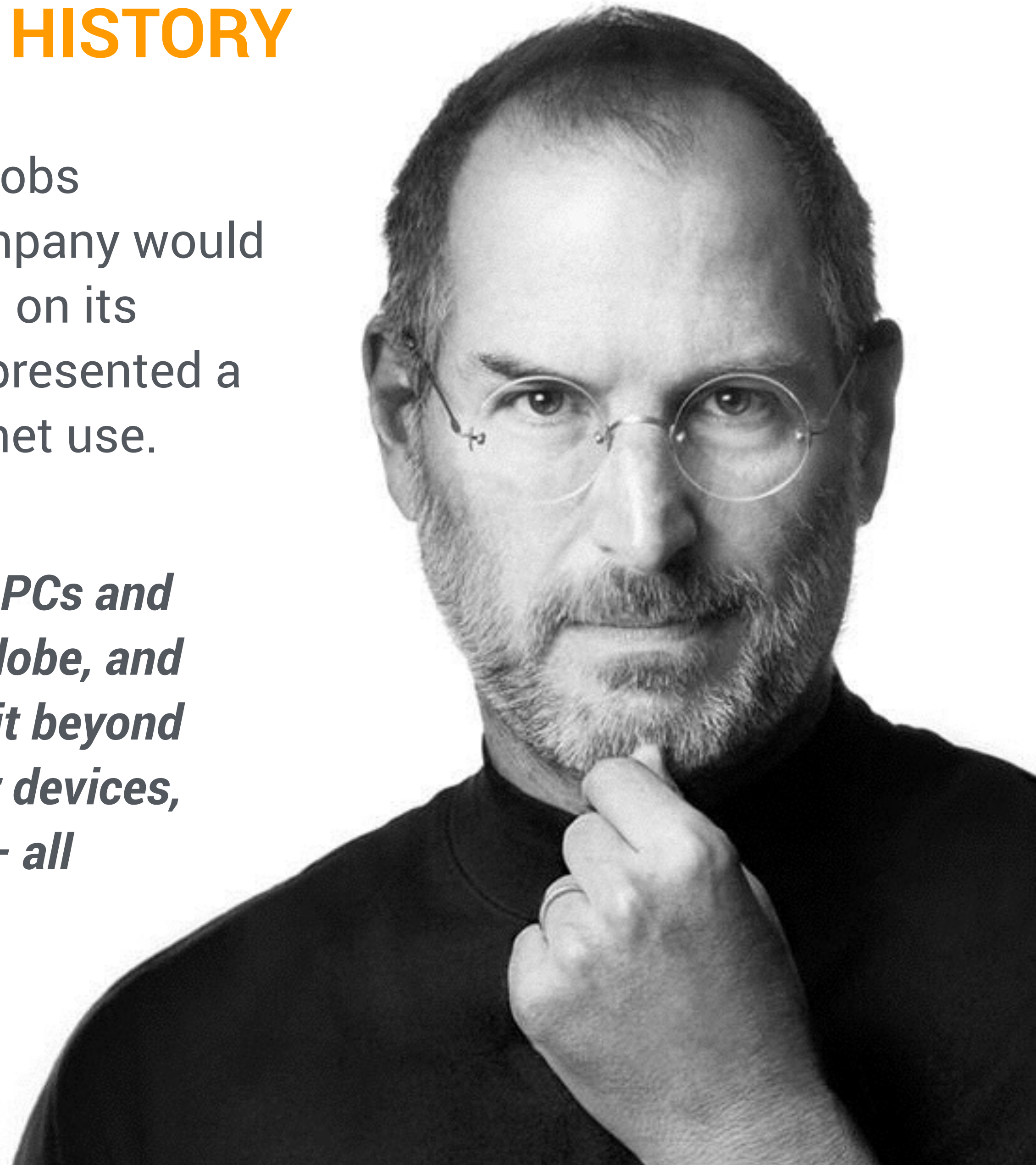


A LITTLE HISTORY



In 2010, Apple's Steve Jobs announced that his company would not be supporting Flash on its mobile devices. This represented a sea change in our Internet use.

*“Flash was created during the PC era – for PCs and mice. Flash is a successful business for Adobe, and we can understand why they want to push it beyond PCs. But the mobile era is about low power devices, touch interfaces and **open web standards** – all areas where Flash falls short.”*



OPEN WEB STANDARDS

Web standards are the formal, non-proprietary specifications that define and describe aspects of the World Wide Web. The core technologies that make up Web standards are HTML5, CSS3 and Javascript. Flash, and its programming language, ActionScript, were proprietary – the is, they were owned by a business, which had sole discretion on how and when they would be updated. To develop content for consumption on screens, one develops within these standards. This openness is a major philosophical cornerstone of the WWW.



CREATING INTERACTIVE DV

- She can hand-code her work directly in text editor using HTML, CSS and Javascript.
- She can add interactive elements to her work through the use of Javascript libraries, like jQuery and D3.
- She can use online tools like Highcharts or Tableau to visualize complex data sets.
- She can even use Edge Animate – Flash’s successor, which builds on a foundation of web standards.



CREATING INTERACTIVE DV

Clearly, this is a lot to learn, but we will undertake each of these in IDV460.



CREATING INTERACTIVE DV

We will have five units, and each will feature several exercises to build your skills in creating interactive visuals. The spans of time for each unit are approximate, and will change if necessary based on our progress.

Weeks 1-3: **Static**

Weeks 4-5: **Tools**

Weeks 6-8: **Edge**

Weeks 9-10: **Code**

Weeks 11-15: **Libraries**

IDV460

INTERACTIVE DATA VIZ SPRING 16

THE SYLLABUS

[HOME](#)

[GOALS](#)

[POLICIES](#)

[UNITS](#)

[LINKS](#)

The work we'll do

THIS CLASS IS DIVIDED into five units, with a series of exercises and tutorials planned for each. These pieces will all be included as part of your website, with the two major projects becoming their own pages, and other in-class exercises assembled into longer pages. A quiz at the end of each unit – or more precisely just before the beginning of the next one – will help you track your own progress and ensure you are up to date with the skills and knowledge needed for each step.

The dates on this calendar are kept deliberately vague, as the progress of this course will be dependent on a number of unforeseeable factors. Some units may grow to accommodate some of these factors, while others may be reduced. You can check this page throughout the semester to see any major changes, and I will always let you know well in advance if there any changes to major deadlines.

UNIT ONE: STATIC

*Weeks 1-3**

Our first unit will establish the foundations for the course, and will include instruction on basic HTML and CSS to get your pages started, as well as some introductory Javascript. It

RESOURCES

We will make great use of [lynda.com](https://www.lynda.com), an online instructional site that offers numerous videos on how to do virtually anything on a computer.



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RESOURCES

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One of our main resources will be the Links page on the syllabus website, which will grow as the semester progresses.



The screenshot shows the website for IDV460, Interactive Data VIZ Spring 16. The page is titled "THE SYLLABUS" and has a navigation menu with links for HOME, GOALS, POLICIES, UNITS, and LINKS. The "LINKS" page is active, featuring a section titled "Places to go" with a paragraph explaining that the page will be updated with resources for code, data, and interactive graphics. Below this is a "Downloads" section with a note to use the links for code needed for the pages, followed by a table of links for Bootstrap, jQuery, and D3.js. A "Resources" section at the bottom indicates that the links will lead to references for the work over the next 15 weeks.

IDV460

INTERACTIVE DATA VIZ SPRING 16

THE SYLLABUS

HOME | GOALS | POLICIES | UNITS | LINKS

Places to go

WE WILL BE USING THIS PAGE of the syllabus to go and get or go and see several things over the course of the semester, and we will be adding to this list as we go. It will include resources for code, shape files and data, examples of exemplary work in interactive graphics, and some suggested tutorials to keep you up to speed with HTML, CSS, Javascript and more.

Downloads

Use these links to access code we will need to use for our pages.

To download Bootstrap...	getbootstrap.com/getting-started/#download
To download jQuery...	jquery.com/
To download D3...	d3js.org/

Resources

These links will take you to various references for the work we'll be doing over the next 15 weeks.

WHAT WE'LL USE

There are a dizzying amount of tools – online, code chunks, software – that can be incorporated into creating IDV. In essence, you will need at least the following:

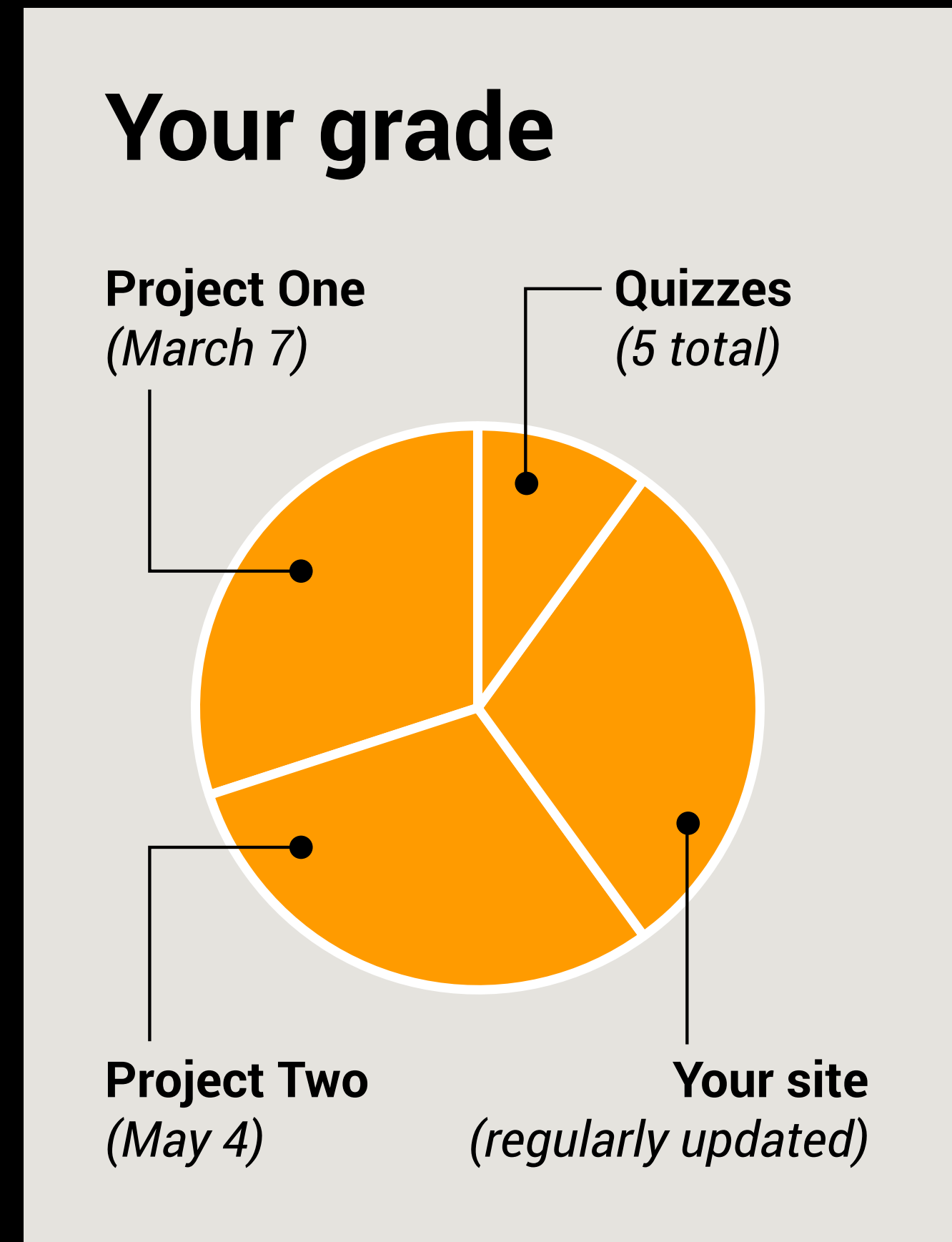
- Adobe Illustrator
- A code editor (we'll use TextWrangler)
- Excel
- Edge Animate
- A Google account
- A Github account



YOUR GRADE

There are four parts to your grade in IDV460.

- Each of the major projects is worth 30 percent.
- Your completion of our in-class exercises, and your maintenance of your class website, represents another 30 percent.
- Your scores on our five quizzes — one at the end of each of our five units — will determine the final 10 percent.



OUR WORK

All of your work for this class will be added to your IDV460 website.

On Wednesday, you will begin creating this site. We will host these sites within your Mercury/Pages account, which provides you with free hosting (up to 1 GB).

IDV460

INTERACTIVE DATA VIZ SPRING 16

YOUR NAME HERE

HOME

STATIC

TOOLS

EDGE

CODE

LABEL HERE

About me.

This is my sixth year teaching graphics and design courses at IU SOJ/MSCH. Before teaching, I worked for almost 20 years in newspaper graphics departments, 16 of them at the **Chicago Tribune**, where I was Graphics Editor and later Senior Artist. I have won numerous awards for my graphics and design work, which I keep in a drawer somewhere, and in 2004 I was a small part of a large project on airline gridlock that was awarded that year's Pulitzer Prize for Explanatory Journalism. During my time at the Tribune, I took part in three major redesigns and witnessed firsthand and on a day-by-day basis the accelerating pace of change that continues to transform the world's media companies. I am a graduate of the University of Florida.

OUR WORK

Before we can do this, we need to make sure you have a Mercury/Pages account active. To check this, please go this URL:

access.iu.edu/Accounts

The screenshot shows the 'View Your Accounts' page of the Indiana University Access Management System. The page has a dark red header with the IU logo and 'INDIANA UNIVERSITY' text. Below the header is a blue bar with 'Access Management System' on the left and 'Welcome, stlayton' on the right. The main content area is white and features the title 'View Your Accounts' in a large, bold, dark grey font. Below the title, a paragraph of text reads: 'Your active IU computing accounts are listed below. If you are having a problem with any of your accounts you should contact your campus Support Center.' Underneath this text, there is a section titled 'Active accounts for stlayton:' followed by a list of account types: 'Active Directory Service', 'Box', 'Microsoft Exchange', and 'Pages/Mercury'. At the bottom of the page, there are two red buttons: 'Create More Accounts' and 'View Mail Forwarding'. The footer consists of a dark red bar with the text 'FULFILLING the PROMISE' in white.

INDIANA UNIVERSITY

Access Management System

Welcome, stlayton

View Your Accounts

Your active IU computing accounts are listed below. If you are having a problem with any of your accounts you should contact your campus [Support Center](#).

Active accounts for stlayton:

- Active Directory Service
- Box
- Microsoft Exchange
- Pages/Mercury

Create More Accounts

View Mail Forwarding

FULFILLING *the* PROMISE

OUR WORK

If you don't see Pages/
Mercury listed there, click
the Create More Accounts
link, and then click the radio
button next to Pages/
Mercury.

The screenshot shows the 'View Your Accounts' page in the Indiana University Access Management System. The page header includes the IU logo and 'INDIANA UNIVERSITY' on the left, 'Access Management System' in the center, and 'Welcome, stlayton' on the right. The main heading is 'View Your Accounts'. Below this, a message states: 'Your active IU computing accounts are listed below. If you are having a problem with any of your accounts you should contact your campus [Support Center](#).' Underneath, it lists 'Active accounts for stlayton:' followed by 'Active Directory Service', 'Box', 'Microsoft Exchange', and 'Pages/Mercury'. At the bottom of the content area, there are two links: 'Create More Accounts' and 'View Mail Forwarding'. The footer features the slogan 'FULFILLING *the* PROMISE' in a dark red box.

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Create More Accounts
View Mail Forwarding

FULFILLING *the* PROMISE

OUR WORK

If you do see that you have a Pages/Mercury account, let's check to make sure it is active. (The University some time ago switched from a service called Mypages, and you may need to migrate your material, and agree to certain conditions, if you didn't do this previously.)

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Active accounts for stlayton:

- Active Directory Service
- Box
- Microsoft Exchange
- Pages/Mercury

[Create More Accounts](#)
[View Mail Forwarding](#)

FULFILLING *the* PROMISE

OUR WORK

Enter the following URL:

pages.iu.edu/~yourusername

The screenshot shows a web browser window with the address bar containing `pages.iu.edu/~stlayton/death/`. The browser's bookmark bar includes links for 'Apps', 'User Dashboard', 'Lynda', 'Chase.com', 'Dropbox', 'Files : CC', 'IU', 'J210', and 'Other Bookmarks'. The main content of the page is titled 'The death penalty in the U.S.' and contains several paragraphs of text. Below the text is a section titled 'Executions by state' with a map of the United States. The map uses a color scale from light pink (1 execution) to dark red (521 executions) to represent the number of executions in each state. A legend in the top right of the map area shows the scale from 1 to 521. The text on the page discusses the global context of capital punishment, the history of its use in the U.S., and the current execution rate in 2014.

The death penalty in the U.S.

Among countries around the world, almost all European and many Pacific Area states (including Australia and New Zealand), and Canada have abolished capital punishment. In Latin America, most states have completely abolished the use of capital punishment. The United States (the federal government and 32 of the states), Guatemala, most of the Caribbean and the majority of democracies in Asia (for example, Japan and India) and Africa retain it.

Some states have had bans on capital punishment for decades (the earliest is Michigan, where it was abolished in 1846), while others actively use it today. Since 1976, when capital punishment was reinstated in the U.S. after a four-year ban, 1,402 prisoners have been executed, with a peak of 98 in 1999.

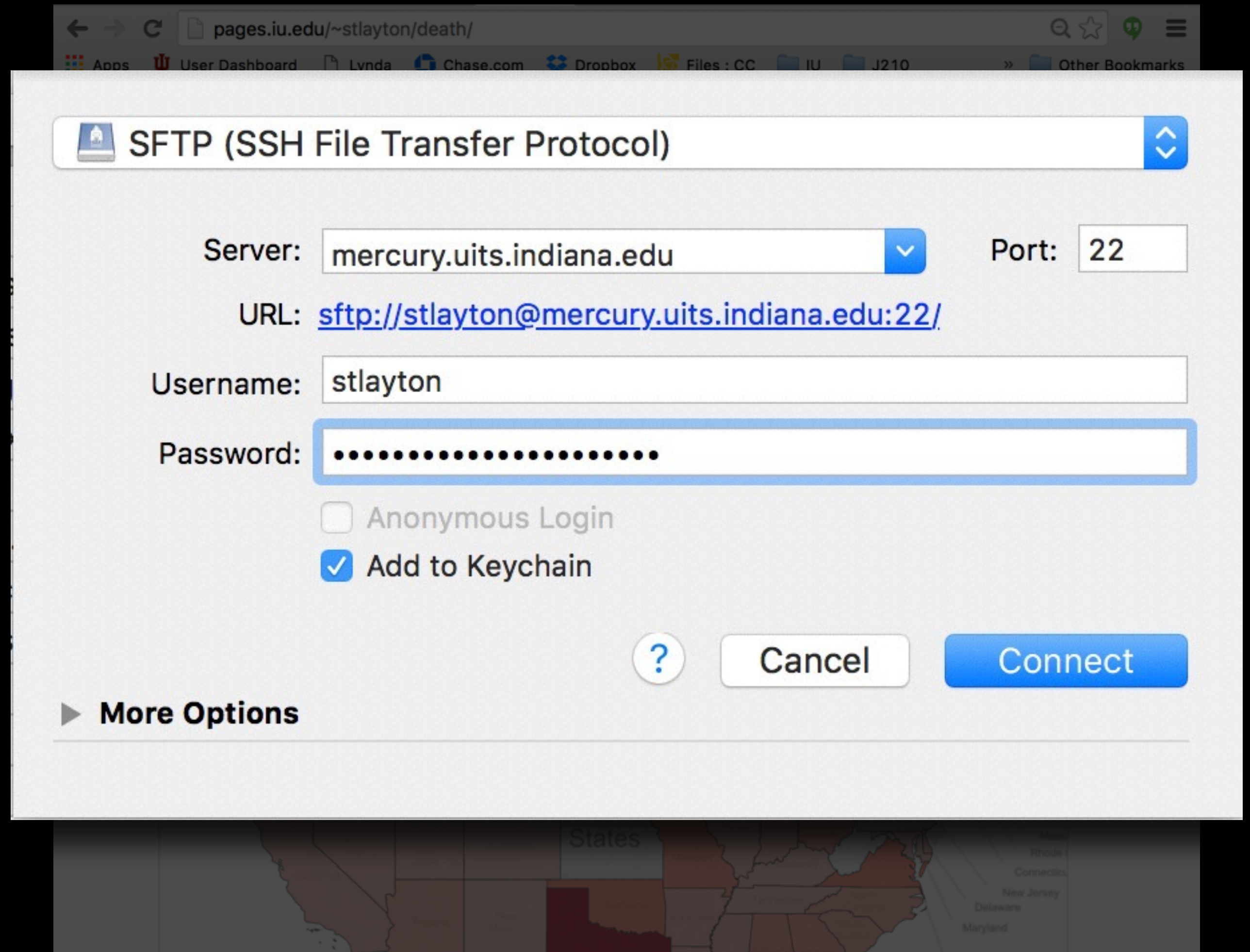
In 2014, 35 inmates were executed in the United States, and 3,035 were on death row – an execution rate of less than 2 percent. Many states such as Texas, Oklahoma, Florida, Missouri, Ohio, and Arizona, regularly execute convicted murderers. Texas has performed the most executions by far, although Oklahoma has the highest per capita execution rate.

Executions by state

Four states — Connecticut, Illinois, Maryland and New Mexico — have executed prisoners since 1976 but have abolished the death penalty.

OUR WORK

You might have some old stuff there that you no longer want, or you might have built a personal website (especially if you were in my J463 class). You can see your files if you launch Cyberduck (an FTP program) and log in to the Mercury server.



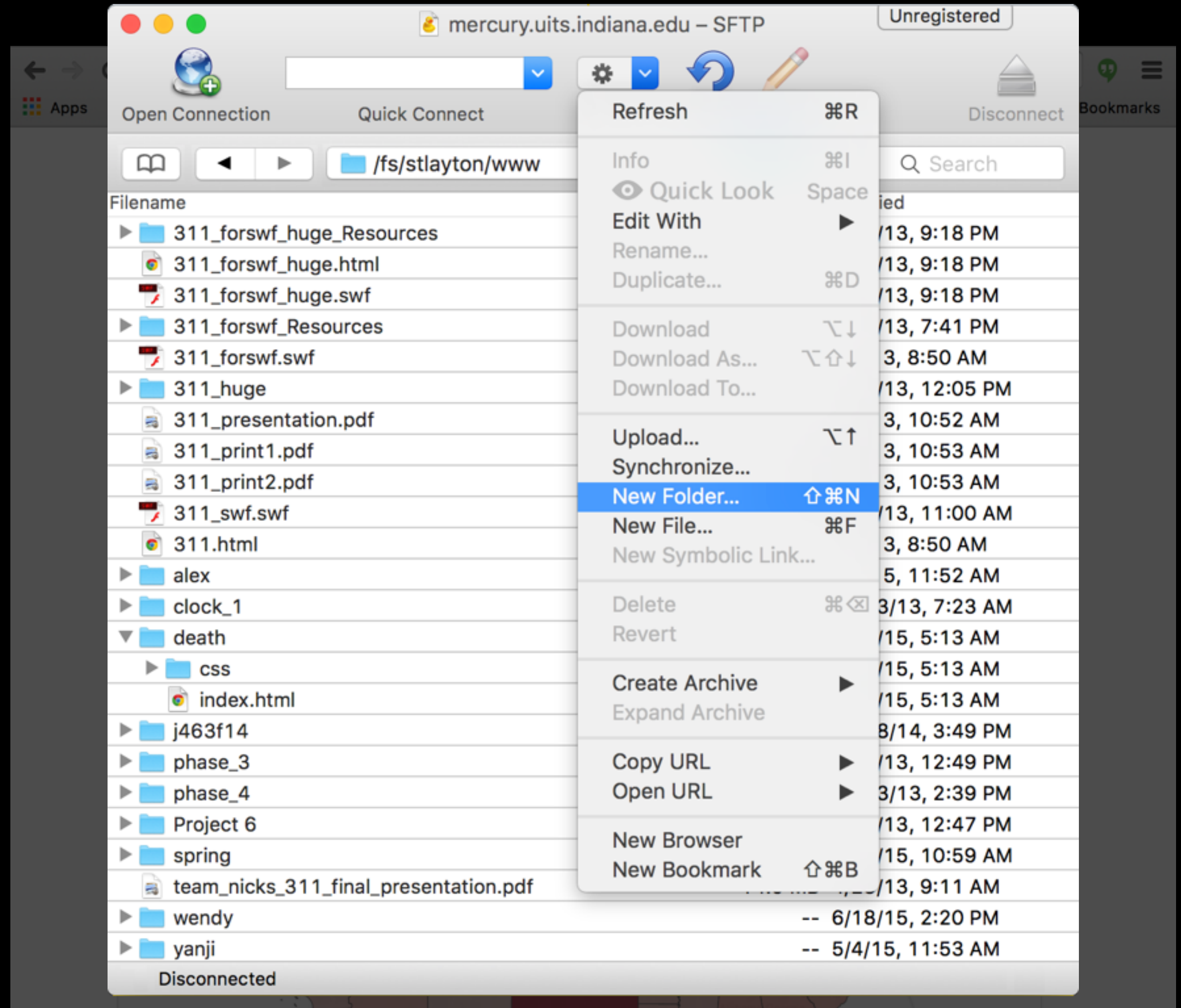
OUR WORK

Once you are in, double-click the **www** folder, and see what's there.

For our class, we will create a new folder in **www** called **idv460**.

Your URL for the class website will be

pages.iu.edu/~yourusername/idv460



OUR WORK

If you have an account that you are blocked from seeing, go to the Links page of our syllabus and scroll down to the Accounts section. Click the link next to Pages problems ...

pages.iu.edu/~yourusername

IDV460

INTERACTIVE DATA VIZ SPRING 16

THE SYLLABUS

For Google charts...	developers.google.com/chart
For timelines...	timeline.js
For maps...	cartodb.com
For charts...	www.highcharts.com

Accounts you'll need

On the first day of class, you will create these two accounts (unless you have them already). The first will allow you to create your own website for our class, using the free web hosting available to you as an IU student. The second is a web-based code repository, where you can store and share your code. It is the largest host of source code in the world.

The Mercury server...	access.iu.edu/Accounts
For Pages info...	kb.iu.edu/d/alcr
For Pages problems...	www.iu.edu/~accrec/mypage_agreement
Code repository...	github.com

IDV460

stlayton@indiana.edu

OUR WORK

You may need to take some action here to get your Pages account valid.

The screenshot shows a notification page from Indiana University's University Information Technology Services. The page title is "Enterprise WebTech Services Management" and the specific notification is titled "Mypage 'Retirement'". The text explains that the Mypage service is being transformed and users must take action to retain their accounts. A table lists user details for Stephen Layton, including his name, NetworkID (stlayton), email (stlayton@indiana.edu), last agreement date (2014-01-16), last content update (2015-06-18), and various directory and hit statistics. Below the table, there is a section titled "Agreement to terms and request to retain account for stlayton" which provides instructions and a list of options for users to either agree to terms and keep their account or decline and have it removed.

INDIANA UNIVERSITY

University Information Technology Services

Enterprise WebTech Services Management

Mypage "Retirement"

In support of [IU Policy IT-28](#) the Mypage service is being transformed for use that is more specific to the mission of Indiana University. As a result you must take action below to retain your account (if eligible).

Name	Layton, Stephen
NetworkID	stlayton
Email	stlayton@indiana.edu
Last date of agreement to terms	2014-01-16
Last Content Update	2015-06-18
www directory file count	2122
wws directory file count	0
Size of home directory (in bytes)	617547745
Max hits per month	1942
Avg hits per month	331.1429
Most recent month with hits	201512
Affiliation	BL, Enrolled - Currently Enrolled,
Affiliation	BL, Faculty, BL-JOUR

Agreement to terms and request to retain account for stlayton

Please review the data above. If your content is for personal use, outdated, contains few pages or doesn't get much traffic, then you may prefer to let your Mypage account be removed. You must take action to keep your account.

- If you want to keep your account for this service you must agree to [the terms of use](#). Personal content must be removed from your pages.
- If you do not want to keep your account do not agree to the terms and close your browser. Your account will be removed through the Mypage Retirement process.