

A black and white photograph of two women sitting at a table, looking down at a laptop screen. They appear to be engaged in a discussion or a collaborative activity. A large, semi-transparent orange graphic is overlaid on the bottom half of the image, consisting of four shapes: a circle on the left, a triangle on the right, a hexagon on the bottom left, and a square on the bottom right.

PROCESSING COMMUNITY DAY 2019 ORGANIZER'S KIT

Image description: two women gathered around a computer at Processing Community Day 2017.

Hello!

Thank you for registering to organize Processing Community Day. We understand that it can take enormous physical and emotional effort to organize a community event, therefore we have compiled this Organizer's Kit to help you get things started. The kit is licensed under a Creative Commons Attribution 4.0 International License. Special thanks to Lauren McCarthy, Casey Reas, Dorothy Santos, Johanna Hedva, and Daniel Shiffman for their guidance and support.



Image description: Processing Community Day 2017 group photo.

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A Letter to the Organizers

Image description: Luisa Pereira and Yeseul Song help facilitate a sign language based p5.js workshop led by Taeyoon Choi. Image by Taeyoon Choi.

Dear Processing Community Day Organizers,

Processing Community Day (PCD) is a day picked between January 15 and February 15, 2019 to celebrate art, code, and diversity around the world.

Although we are providing a step-by-step guide to lead a PCD in this handout, keep in mind that as PCD organizers, you are welcomed to define the format of your event in any way that serves your local communities.

Asking the following questions might help defining the event format —

- Which communities are you hoping to engage? Are they affiliated with an institution or do they live outside of an institution?
- What are some ways to make your event more accessible for folks who might otherwise feel excluded from the event?
- What are some ways to create a friendly, unintimidating environment for beginners and folks who are new to the community?
- Is your event serving the interest of your communities? How might your attendees benefit from your event?

Aside from the conventional lecture / demo format, your PCD can be a show & tell session, a zine-making session, an audio-visual performance, a DIY art show, a game jam, or even a group discussion on software art.

We are excited to learn about new ways to organize a Processing Community Day from you. Thank you for joining us for the ride!

Xin Xin, PCD Director & Lead Organizer

Code of Conduct



Image description: people hanging out at Processing Community Day 2017.

All participants in Processing Community Day (PCD) — including, but not limited to the PCD online forum are required to agree to the following Code of Conduct. This includes all attendees, speakers, performers, workshop leaders, patrons (sponsors), volunteers, and staff.

The PCD team is dedicated to providing a harassment-free experience for everyone, regardless of gender, gender identity and expression, sexual orientation, disability, mental illness, neurotype, physical appearance, body, age, race, ethnicity, nationality, language, or religion. We do not tolerate harassment of participants in any form.

Any participant who violates this Code of Conduct may be sanctioned or expelled from PCD at the discretion of the PCD organizers.

This Code of Conduct is subject to change and expansion. Last updated August 27, 2018.

Be mindful of your language –

Engage with community members, mentors, and contributors with respect and good intention.

Use your best judgement –

If it will possibly make others uncomfortable, do not say it or post to the community forum.

Be respectful –

While disagreements may arise, it is not an opportunity to attack or threaten someone else's thoughts and/or opinions. Remember to approach every situation with patience, understanding, and great care.

Be intentional –

Consider how your contribution will affect others in the community.

Be open minded –

Embrace new people and new ideas. Our community is continually evolving and we welcome positive change.

Definitions of Harassment include:

- Offensive comments related to gender, gender identity and expression, sexual orientation, disability, mental illness, neurotype, physical appearance, body, age, race, ethnicity, nationality, language, or religion
- Unwelcome comments regarding a person's lifestyle choices and practices, including those related to food, health, parenting, drugs, and employment
- Deliberate misgendering or use of 'dead' or rejected names
- Gratuitous or off-topic sexual images or behaviour in spaces where they're not appropriate
- Physical contact and simulated physical contact (eg, textual descriptions like "hug" or "backrub") without consent or after a request to stop
- Threats of violence
- Incitement of violence towards any individual, including encouraging a person to commit suicide or to engage in self-harm
- Deliberate intimidation
- Stalking or following
- Harassing photography or recording, including logging online activity for harassment purposes
- Sustained disruption of discussion
- Unwelcome sexual attention
- Pattern of inappropriate social contact, such as requesting/assuming inappropriate levels of intimacy with others
- Continued one-on-one communication after requests to cease
- Deliberate "outing" of any aspect of a person's identity without their consent except as necessary to protect other PCD community members or other vulnerable people from intentional abuse
- Publication of non-harassing private communication

without consent by the involved parties

PCD prioritizes marginalized people's safety over privileged people's comfort. PCD reserves the right not to act on complaints regarding:

- 'Reverse' -isms, including 'reverse racism,' 'reverse sexism,' and 'cisphobia'
- Reasonable communication of boundaries, such as "leave me alone," "go away," or "I'm not discussing this with you."
- Communicating in a 'tone' you don't find congenial
- Criticizing racist, sexist, cissexist, or otherwise oppressive behavior or assumptions

Consequences, Reporting and Enforcement on Processing Community Day

Please contact Xin Xin, Dorothy Santos, Johanna Hedva, Lauren McCarthy, Casey Reas, or Dan Shiffman listed on day.processing.org/people. This team of organizers will be trained in how to address and report any incidents attendees bring to our attention. You may also contact us via email at day@processing.org.

Participants asked to stop any harassing behavior are expected to comply immediately. If a participant engages in harassing behavior, the PCD team may take action we deem appropriate, up to and including expulsion from all PCD spaces (both on and offline) and identification of the participant as a harasser to other PCD community members and/or the general public.

Forum - discourse.processing.org

Please contact a PCD organizer via direct message. If the person who is harassing you is a member of staff, they will recuse themselves from handling your incident. All reports will be handled in the strictest confidence.

If you believe someone is violating the code of conduct on the forum, we ask you report it by sending an email to day@processing.org. Please include your name and a description of the incident, and we respond as quickly as possible.

Acknowledgements

This Code of Conduct was compiled by Dorothy Santos, based on resources provided by Geek Feminism, and borrows heavily from open source policies authored by p5.js and XOXO Festival.

Thank you also to Lauren McCarthy, Johanna Hedva, and Xin Xin for their advice and support.

This policy is licensed under a Creative Commons Attribution 4.0 International license and on the Processing Community Day website. We encourage other organizations to adopt (and enforce) similar Codes of Conduct by using and remixing this one.

Step-by-Step Guide



Image description: woman drawing art on the wall.

- Visit discourse.processing.org
 - Introduce yourself on the [PCD @ Worldwide thread](#)
 - Create a discourse thread for your city. Invite collaborators to join the discussion. Schedule an IRL planning meet-up. E.g. [PCD @ NYC](#).

Find a venue

We recommend collaborating with public facilities such as libraries, schools or community-driven spaces with good, stable Wi-Fi such as community centers, art / culture venues, hackerspaces, cafes, tea houses, or bars.

Pay attention to the infrastructure and amenities of the space: does the venue have fast internet connection for your group size? Does it come with equipment such as monitor or projector? Does it have a gender neutral bathroom? Is it children-friendly? Is the space accessible for disabled folks? We recommend this [checklist](#) to ensure that you have an accessible space.

Secure a date & time to host PCD

Find a date that works for your organizing team and the venue. Double check the calendar to make sure that it doesn't clash with other popular events in your communities.

Organize your program

Are you looking to organize a simple afternoon event or are you hoping to go further? We are currently

unable to provide financial assistance for the node events. If you are hoping to organize a larger event, are there any organizations, institutions, or companies you might seek support from? How might receiving fundings from a company affect the content of your event? Can you use an organization's help to create a more accessible and inclusive space?

Here are two PCD programming templates —

4-hour Processing Community Day

- Welcome & introduction (30 min)
- Beginner-friendly workshop pt. 1 (90 min)
- Short break (15 minutes)
- Beginner-friendly workshop pt. 2 (30 min)
- Watch PCD @ LA lightning talks (30 min)
- Relaxed group discussion over refreshment (30 min)
- Wrap-up: discuss ways for the community to go forward and group picture! (15 min)

8-hour Processing Community Day

- Welcome & introduction (30 min)
- Community show & tell (60 min)
- Beginner-friendly workshop I (120 min)
- Lunch break (60 min)
- Guest lecture or Daniel Shiffman's Coding Train Videos (30 min)
- Beginner-friendly workshop II pt. 1 (90 min)
- Short break (15 min)
- Beginner-friendly workshop II pt. 2 (30 min)
- Community discussion on topics related to art, code, and diversity. See [PCD @ LA tracks](#) for possible topics. (45 min)
- Wrap-up: discuss ways for the community to go forward and group picture! (15 min)

Ticketing

We do not manage or distribute tickets on behalf of our satellite PCD events. As an organizer, you will determine whether ticketing is a preferable option for your event. We encourage all organizers who are planning to charge a fee for the event to provide affordable options to promote accessibility and inclusivity.

Create an event webpage

Create an event page on platforms such as Meetup or Eventbrite (sample event page on p. 18).

Update event detail on our website

Please visit the PCD @ Worldwide Map Spreadsheet to update your event details. This is important since your conference guests might visit our website to find out details about your event. Please contact day@processing.org if you did not receive a link to the spreadsheet.

Promotion

Promo Package

PCD @ Worldwide logos are created by Yuehao Jiang and can be downloaded from [HERE](#). The promo package is licensed under a Creative Commons Attribution 4.0 International license. Send us a copy if you end up remixing the graphics, we would love to see them!

Online Promotion Checklist

- Press release (sample press release on p. 16)
- Mailing lists
- Personal emails to friends and communities
- Social media - use hashtag **#PCD2019** to connect with Processing Foundation and PCD communities around the world
- Blog posts - consider writing an in-depth post before / after PCD on platforms such as Medium to generate interest. Check out [Taeyoon Choi's example](#)

Offline Promotion Checklist

- Flyers
- Posters
- Stickers

Share your PCD

We would love to receive pictures and documentations from your planning meetings and your Processsing Community Day. Please share any materials you generate along the way with us via twitter (@ProcessingOrg) or email (day@processing.org).

Sample Press Release

July 12, 2018

FOR IMMEDIATE RELEASE

Join Processing Community Day to Celebrate Art, Code, and Diversity

Processing Foundation is pleased to announce Processing Community Day (PCD), a day to celebrate art, code, and diversity, held in Los Angeles and communities worldwide.

PCD @ Los Angeles is an inclusive event that will bring together people of all ages to celebrate and explore art, code, and activism. The day-long event features four themed-tracks — Accessibility, Disability, and Care, Radical Pedagogy, Under the Silicon, the Beach!, and Epic Play!. Each themed track contains lightning talks and sessions presented by conference guests we invite through an open call.

Processing is a free and open-source software platform for code within the context of the visual arts, created by Casey Reas and Ben Fry. It is complemented by a web version, called p5.js, created by Lauren McCarthy. To date, Processing and p5.js are used by a worldwide community of artists, coders, educators, and students.

Additional information on Processing Community Day can be found at day.processing.org.

###

Images

[Download](#)

Links

[Website](#) | [Newsletter](#) | [Twitter](#) | [Facebook](#) | [Instagram](#)

Contact

Xin Xin
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day@processing.org
[@processingOrg](https://twitter.com/processingOrg)

Sample Event Page



Processing Community Day @ Los Angeles

Sat, January 19, 2019
10:00 AM – 9:00 PM PST

UCLA Broad Art Center
240 Charles E Young Drive North
Los Angeles, CA 90095

PCD @ Los Angeles is an inclusive event that will bring together people of all ages to celebrate and explore art, code, and activism. The day-long event features four themed-tracks — Accessibility, Disability, and Care, Radical Pedagogy, Under the Silicon, the Beach!, and Epic Play!. Each themed track contains lightning talks and sessions presented by conference guests we invite through an open call.

In addition to a full day of programming, we want to make space for anyone to share ideas and projects with the community. We will set up Show & Tell Stations, a Processing Community Cafe, and a Community

Open Mic Session for participants to sign-up on the day of the event. The program will wrap up with an after party consists of performances, food, and drinks.

Tickets

Early bird ticketing will open on September 1st, 2018. Regular ticketing and PCD Scholarship application opens on November 1st, 2018. Sign up for our newsletter to receive a reminder.

Every conference pass includes access to all lightning talks, entries to two workshops, performances, and the after party. The package also includes a lunch box (vegetarian / vegan options available), all day coffee & snacks, and PCD / Processing / P5 combo stickers.

Children under 12 will gain free entries to PCD @ Los Angeles. Children's diet varies widely at different age, therefore we would like to ask you to either bring lunch boxes for your children on the day of the event, or order PCD @ Los Angeles' children's meals when purchasing your ticket.

Accessibility

All lightning talks will include ASL interpretation and be live-streamed over the Internet. Our venues are wheelchair-accessible, and we will provide reserved seatings for attendees with mobility devices. Once ticketing opens, please fill out our ticketing survey so that we can learn more about your needs.

Parking & Transportation

The closest parking lot to UCLA Broad Art Center is Parking Structure 3. Visitor parking is \$12 per day, and

accessible parking for individuals with disabilities is \$8 per day.

We strongly recommend arranging carpool, using a ridesharing service or public transportation to commute to the venue.

PCD Scholarship

We are currently fundraising for the scholarship and will be announcing application details on November 1st, 2018. PCD scholarship is made possible by PCD @ Los Angeles supporters and sponsors. Learn how you can support us.

Beginner Workshop Examples



Image description: Lauren McCarthy giving a talk at the School for Poetic Computation.

Play with p5

Provided by Lauren McCarthy

Setup (10 mins)

1. We will be using a new p5.js web editor. You can find it at alpha.editor.p5js.org.
2. Signup for an account, and name and save your first project.
3. You are ready to begin creating with p5.js!

Experiment (45-90 mins)

One way to start learning p5.js is just to play with it and see what patterns you notice.

1. Try adding some of the lines of code from this list into the places where it says `setup()` and `draw()`. To do this, type the line as you see it, but replace each letter in pink with a number. Press the play button to run your code. Can you figure out what each of the lines does?
2. Try changing the numbers to see what happens. Press play each time to run your code again. Can you figure out what the different letters stand for?
3. Can you explain the difference between putting code in `setup()` and putting code in `draw()`?

```
createCanvas(w, h);
```

```
ellipse(x, y, w, h);
```

```
rect(x, y, w, h);
```

```

line(x1, y1, x2, y2);

triangle(x1, y1, x2, y2, x3, y3);

fill(g);

fill(r, g, b, a);

stroke(r, g, b, a);

strokeWeight(w);

background(r, g, b, a);

print(s);

// these ones below get put inside of other functions above

// as replacements for the letters

mouseX

mouseY

random(max)

second()

```

After experimenting for a while individually, team up with a partner and see what you can figure out with your knowledge combined.

Finally, get together with the entire group and walk through what each line does, and the questions above. The instructor may lead this portion with their computer plugged into a projector.

Sketch (30+ minutes)

Taking what you learned in the previous activity, create a sketch of your own. One at a time, try to add the following:

1. One element that is different every time you run the program.
2. One element that changes with the mouse.
3. One element that changes over time.

The following resources may be helpful:

- p5js.org - p5.js website, includes library, reference, examples, and tutorials
- p5js.org/reference - p5.js reference

More Ideas

- Create a portrait of your neighbor. Use only 2D primitive shapes – arc(), curve(), ellipse(), line(), point(), quad(), rect(), triangle() – and basic color functions – background(), colorMode(), fill(), noFill(), noStroke(), stroke(). Remember to use createCanvas() to specify the dimensions of your canvas.
- Go for a walk and find an object that intrigues or inspires you. Replicate it with code. It can be as realistic or abstract as you like. Include one element that is different each time you load the sketch.
- Exquisite corpse. One person sets up a blank sketch with a canvas. They add one line of code, hit play, and pass their laptop to the person next to them. The next person adds one line of code, hits play, and passes the laptop on. Repeat until it has gone all the way around the room. This can be done si-

multaneously with more than one laptop, so multiple compositions are created in parallel. It may help to arrange desks in a circle for easier passing. When laptops have returned to their original owners, place all laptops open on the desks. Participants may walk slowly in a circle around them to view the exquisite sketches.

Going Further

The following resources are helpful for learning more about p5.js and coding.

- [p5.js forum](#) - good place for p5.js programming questions
- [Daniel Shiffman's Coding Train Videos](#) - p5.js video tutorials
- [Getting Started with p5.js](#) - by Lauren McCarthy, Casey Reas, and Ben Fry
- [Intro to programming for the visual arts with p5.js](#) - online class, free with sign up
- [Open Processing](#) - a website for sharing p5.js sketches, getting inspiration, and learning from others

10PRINT Coding Challenge

Provided by Dan Shiffman

Inspired by the book [10 PRINT CHR\\$\(205.5+RND\(1\)\); : GOTO 10](#) by Nick Montfort, Patsy Baudoin, John Bell, Ian Bogost, Jeremy Douglass, Mark C. Marino, Michael Mateas, Casey Reas, Mark Sample, and Noah Vawter.

This book is about a one-line Commodore 64 BASIC program, published in November 2012. Book purchases support the nonprofit organizations The Electronic Literature Organization (to which all royalties are being donated) and The MIT Press, the book's publisher.

<http://10print.org/>

Setup (10 mins)

1. This tutorial uses the new p5.js web editor. You can find it at alpha.editor.p5js.org. Signup for an account, and name and save your first project.
2. Alternatively, you can use the Processing IDE. Download at: <https://processing.org/download/>. Launch and you are ready to begin!
3. You are ready to begin creating your own 10 PRINT design!

Video (10 mins)

1. The Coding Train YouTube channel includes many coding challenge videos that walk through the process of creating a p5 (or Processing) sketch step by step. In this activity we'll build off of the 10PRINT Coding Challenge: <https://youtu.be/bEyTz5ZxZs>

2. You can also watch this video to see the output of the original Commodore 64 program: <https://youtu.be/m9joBLOZVEo>.

Sketch (30+ minutes)

Open the code from the video.

- P5.js code: <https://alpha.editor.p5js.org/codingtrain/sketches/ryxWYgmwX>
- Processing code: <https://goo.gl/k6q1L7>

Ideas for variations:

1. What other shapes or colors can you draw instead of a line?
2. What happens if you vary the probability?
3. What do you do when the design reaches the bottom of the page? Can you get it to scroll continuously?

Variations on 10PRINT for inspiration

- Red Hen: [10Print with Perlin noise](#)
- Tino: [Demo](#) | [Source](#)
- Merijn_DH: [Demo](#) | [Source](#)
- Alkemann: [Demo](#) | [Source](#)
- Windy 10 PRINT by Benjamin Habert: [Demo](#) | [Source](#)
- 20hz20khz: [Demo](#) | [Source](#)
- Greg Berger: [Demo](#)
- laying twigs: [Demo](#)
- TextEncryption?: [Demo](#) | [Source](#)
- Boguz: [Demo](#) | [Source](#)
- MorsePrint: [Demo](#) | [Source](#)

- BinaryPrint: [Demo](#) | [Source](#)
- Michael Hazani: [Demo](#) | [Source](#)
- Liquid10PRINT: [Demo](#) | [Source](#)
- Alca: [Demo](#) | [Source](#)
- Riccardo Zaffalon: [Demo](#) | [Source](#)
- Pankaj Sambyal: [Demo](#) | [Source](#)
- Mark Uraine(@mapk): [Demo](#) | [Source](#)
- Check more examples by the '10print' hashtag on Twitter: <https://twitter.com/hashtag/10print>



Image description: PCD logo on top of Processing Community Day 2017 group photo.