



CSS Paged Media

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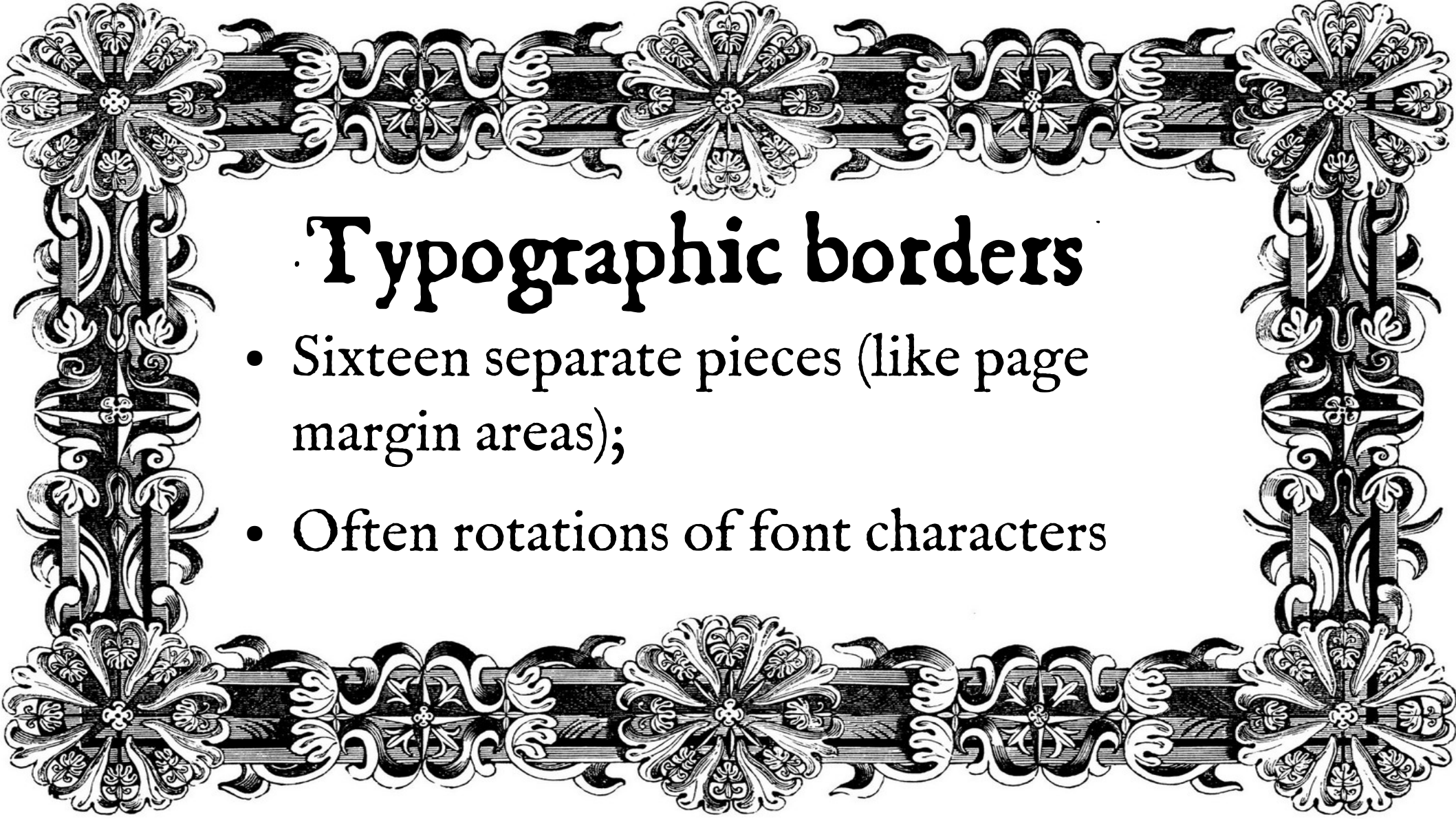
Prague, February 2020

Pages Matter

- We see paged media being simulated in apps and on Web sites; the very common “swipe down for next page” Web site pattern is an example of pages.
- Users want pages.
- No standard page navigation in browsers today.

Compelling Use Case

- People want a feature
- They simulate the feature and it's popular
- There are problems with the simulations (e.g. accessibility, or bugs, or breaking the back button)
- It should be part of the browser.



Typographic borders

- Sixteen separate pieces (like page margin areas);
- Often rotations of font characters

Bridge the Gap

- Things you can't do at all today or that are too difficult can be *barriers to adoption*.
- E.g. index entries (*Boy*: pages 14, 23, 24, 25, 29, should be 14, 23–25, 29 instead); spreads with shared bleed and trim boxes; marginalia; spanning page floats; copy fitting; lots more

It's not about pretty

- Initial caps and borders are about *wayfinding* and not just decoration; wrong index entries are confusing or misleading, not just sloppy. Marginalia help lead into content or are notes without losing the reader's place.
- It's about function.

Motivation

- Are the browser vendors the right people to work on print?
- Is the right question, Where could work take place where implementers and users could meet, and that could still tie in to the css people?

Did You Know?

- The Zapf Dingbats font has lots of rightward-pointing arrows (they are in Unicode too) because the assumption was that they could be mirrored or rotated easily.
- Why isn't there a version of `transform()` that transforms the content box so space is left?

Industry Needs

- Tech Pubs, text books, marketing/packaging need complex flows, mid-flow floats, fold-outs/no-page spreads (“spanning viewports”), call-outs for graphics, multi-page tables with rotated pages where needed...

Basic Needs

- You can't even duplicate the current browser *print* behaviour in css today: ellipsized page URL.
- Vendors have hundreds of css extensions but even *page numbers* aren't interoperable completely.
- The css Working Group is too busy and not focused on paged media.
- Publishers aren't programmers.
- Nothing will go forward until the stakeholders are proactive.
- Should there be an external task force for paged media?



Finish

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