

# A Collaborative Visual Database

*by*

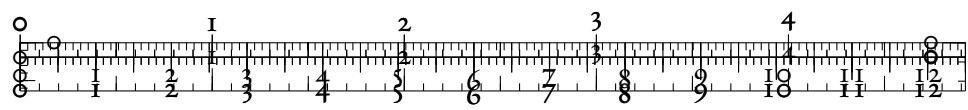
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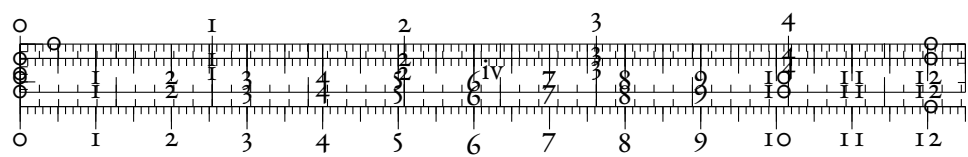


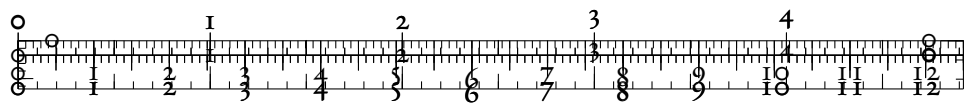
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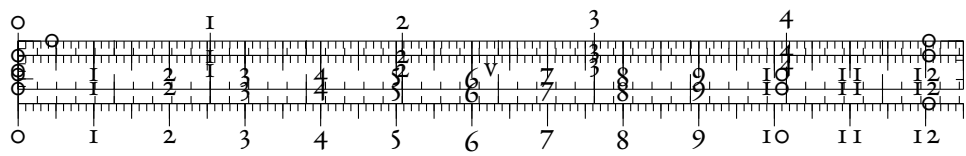
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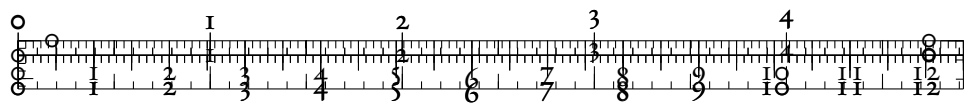
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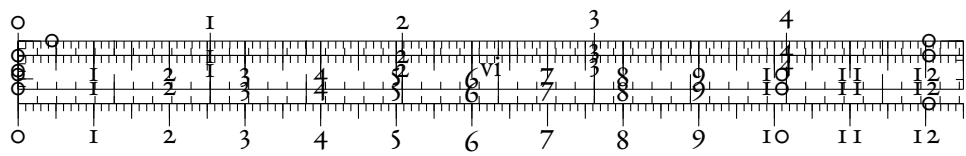


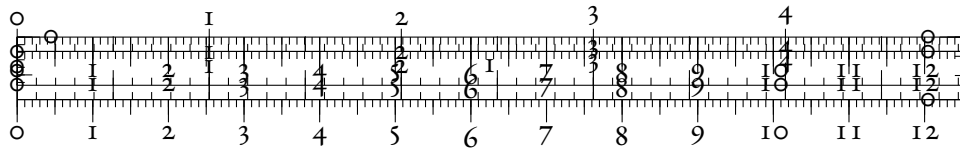
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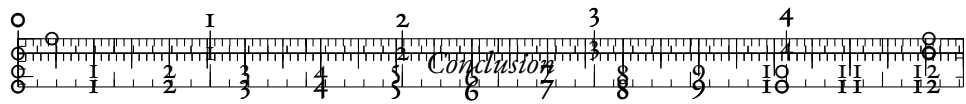




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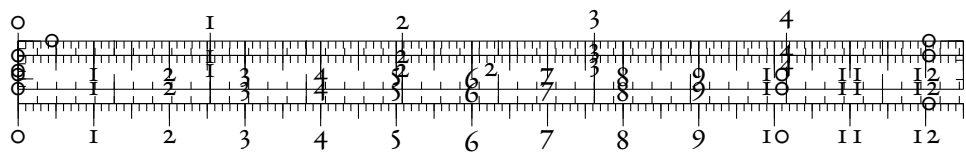




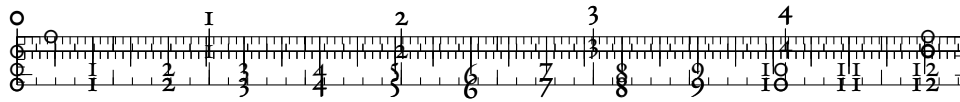


No application is ever complete, but we hope that within these three months we were able to create a disruptive solution that would fix one broken part of the internet.

We also hope that this project and this work sets the example for what is possible with the modern web, within a limited timeframe, a single laptop, and an idea.







# Acronyms

**CmRDT** Commutative Replicated Data Type

**CMS** Content Management Software

**CRDT** Conflict-free Replicated Data Type

**CvRDT** Convergent Replicated Data Type

**DOM** Document Object Model

**FDD** Feature-Driven Development

**GPU** Graphics Processing Unit

**JSON** JavaScript Object Notation

**MVC** Model-View-Controller

**MVVM** Model-View-ViewModel

**OT** Operational Transformation

**OTP** One-Time Password

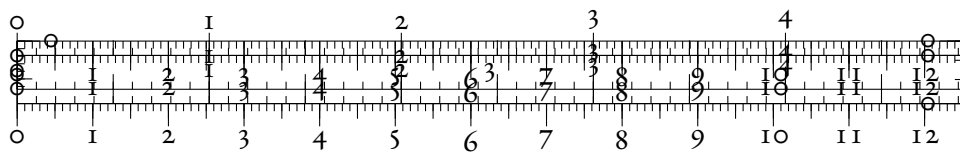
**P2P** Peer-To-Peer

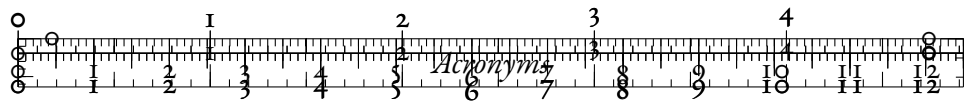
**RBAC** Role-Based Access Control

**RDMBS** Relational Database Management System

**SaaS** Software as a Service

**SDK** Software Development Kit





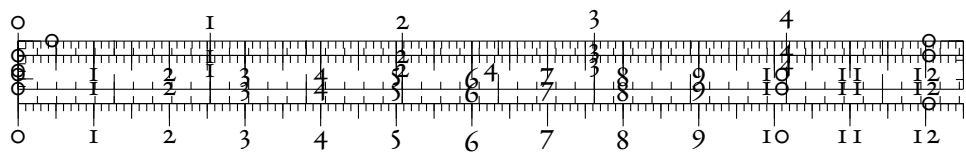
**SSPL** Server Side Public License

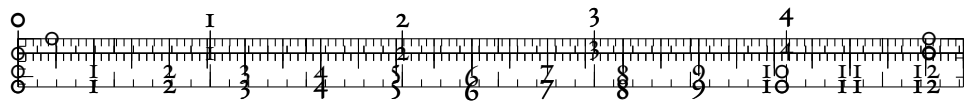
**UI** User Interface

**UX** User Experience

**WAI-ARIA** Web Accessibility Initiative – Accessible Rich Internet Applications

**WOOT** WithOut Operational Transformation

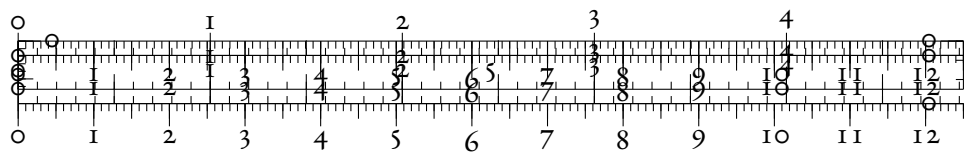


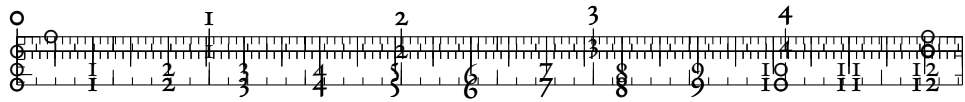


# Glossary

**cacheable** A cacheable response is an HTTP response that is stored to be retrieved and used later, saving a new request to the server [1].

**polyfill** A piece of code used to provide modern functionality on older browsers that do not natively support it [2].





# Bibliography

- [1] *Cacheable - MDN Web Docs Glossary: Definitions of Web-related terms* | MDN. en-US. URL: <https://developer.mozilla.org/en-US/docs/Glossary/cacheable> (visited on 06/07/2021).
- [2] *Polyfill - MDN Web Docs Glossary: Definitions of Web-related terms* | MDN. en-US. URL: <https://developer.mozilla.org/en-US/docs/Glossary/Polyfill> (visited on 06/07/2021).

