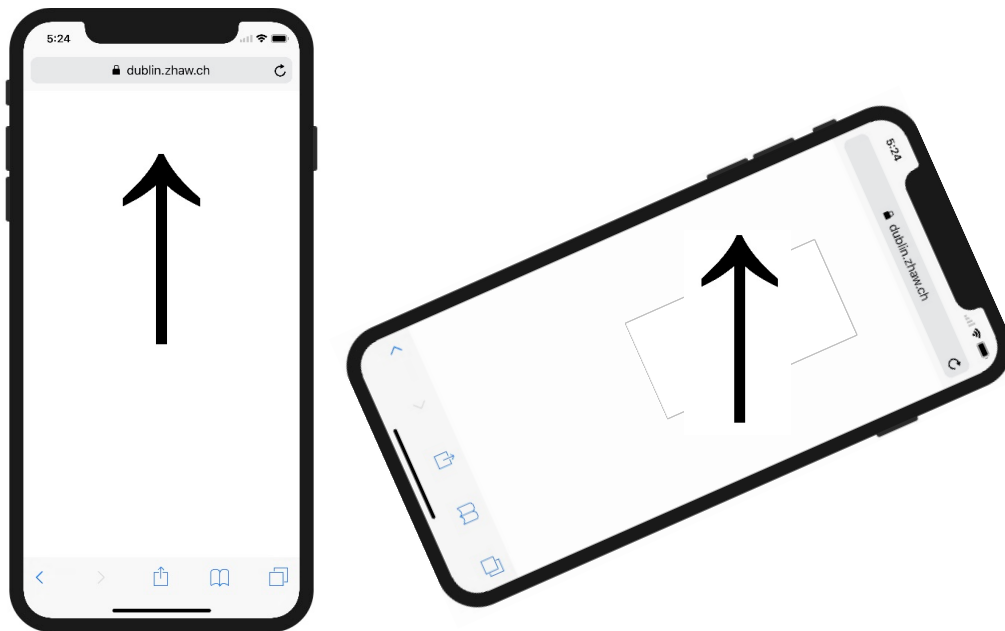


P12 Mobile Web APIs

1

Write a small Web application (HTML, CSS and JavaScript running on your smartphone's Web browser) that shows an arrow pointing towards the top of the viewport. If the device is rotated around the z-axis, the arrow should still point in the original direction. Use the gyroscope sensor and the *deviceorientation* event.



Since it is just a small demo application, everything (HTML, CSS, JavaScript) can be put into one file.

2

Optional. There is a W3C working draft on magnetometer access here:

<https://www.w3.org/TR/magnetometer/>

Can the “arrow app” be augmented to a “compass app”. In this version, the arrow should point northwards all the time. What about browser support?