

Interaction Between Web Clients and *Constrained* Smart Objects

- Many connected devices will be too constrained to run the full HTTP & TLS & TCP & IP protocol stack supported by browsers and web apps
 - Power consumption, processing, bit rate and volume, ...
- Many use cases why direct communication would be useful
 - Sensors, actuators, beacons, tags, ...
 - Accessories, wearables, home electronics, public resources, ...
- The Web platform should adopt a *minimum feasible set* of communication methods to interact with these devices
 - JavaScript APIs, browser support, libraries
- Promising candidates: CoAP, Bluetooth Low Energy

Web Client and Smart Object Communication Options

