

Interconnecting Smart Objects with the Internet

IAB Technical Plenary

How did we got here?

1. IETF work on ROLL, 6LoWPAN, CORE
2. Smart Object Workshop, Prague, IETF#80
3. Report:
<http://tools.ietf.org/html/draft-iab-smart-object-workshop>
4. IAB Plenary
 - Jari Arkko
 - Fred Baker
 - Robert Assimiti
 - Zach Shelby
 - Carsten Bormann

What is a Smart Object?

- “Things” have always been running IP.
- Looking into
 - scaling down to small devices, and
 - scaling up to larger number of small devices in a network.
- Typical Constraints:
 - Energy
 - Bandwidth
 - Memory
- Attempt for a more detailed definition in LWIG WG, e.g.,
<http://tools.ietf.org/html/draft-bormann-lwig-guidance>