The BLE (Bluetooth Low Energy) URI Scheme and Media Types

draft-bormann-t2trg-ble-uri-00

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Background

- Bluetooth Low-Energy (BLE): popular technology for constrained devices

- Resources of BLE devices can be accessed over IP (RFC7668) or via gateways

- How about locally connected devices and web technologies?

- Straw man proposal of BLE URI scheme and media types

Example

- Passive scan for nodes:

```
GET ble:/gap/nodes/passive
```

- ..results in node list; used for query services

```
GET {node}/services
```

- ..returning "application/ble-gatt-servicelist"

```
servicelist = [* service]
service = {
  href: text,
  uuid: uuid,
}
uuid = bytes .size 16
```

Next steps

- Adding (much) details
- Align with Web Bluetooth
- Reviews from Bluetooth experts