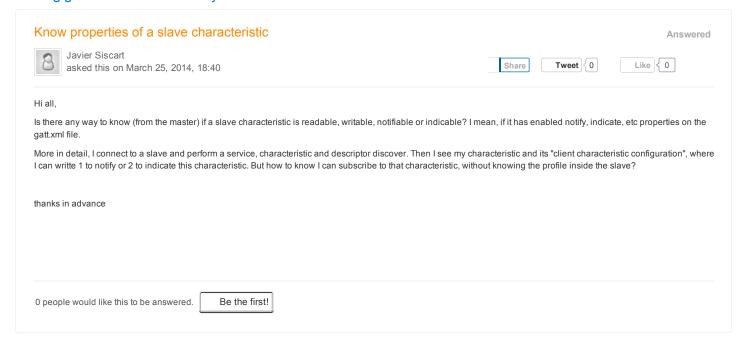
## Bluegiga Forums / Community Forums / Bluetooth Smart



## Comments



Any news on this?

maybe with the find information command?

April 1, 2014, 12:07



Maybe you could try to read the Characteristics Properties bit field as specified in the Bluetooth Specification 4.0 [Vol 3] page 537/538?

April 1, 2014, 14:30

Philipp Richter



Thanks Phillipp,

That is just what I want, but with the BGAPI protocol I think this is not possible.

When you read an attribute with ble\_cmd\_attclient\_read\_by\_handle, the information you receive is:

- Javier Siscart
- connectionhandle
- type = what is this? it is always 0, no mater characteristic properties.
- value

and if you try to read the client characteristic configuration attribute of that characteristic, it says type 0 too, and value 0 by default, no matter characteristic properties too.

So maybe the BGAPI does not give this information?

April 1, 2014, 14:59



Hi Javier,

I just tried to read the Characteristic Properties with BLEGUI. There it is included in the first octet of the 'GATT Characteristic Declaration' of your

Know properties of a slave characteristic : Bluegiga Technologies characteristic. Support Philipp Richter GATT Characteristic Declaration consists of: - Char. Properties (1 octet) - Char. Attribute Handle (2 octets) - Char. UUID (2 to 16 octets) The Char. Declarations handle is (attribute handle - 1) April 1, 2014, 15:29 Have also a look at the 'read by type' BLEAPI command. Answer April 1, 2014, 15:39 Philipp Richter Completely true. I was blind. I tried read by type also to read uuid 2803 attributes and found all the properties i want. Even I saw attribute type is 3. thanks! Javier Siscart One curious thing is that If I use read type to read local database, and try to read GATT characteristic declaration, only UUID is reported. seems obvious because you already know your own characteristics... thanks for your quick answers April 1, 2014, 16:03 Add a comment

