

Arguments for and against different features of Sense-VM

Bytecode

Points in favour

- Having total control of the instruction set means that we can limit the power of a malicious piece of software.
- Easier to implement than a native code compiler.
- Portability

Points against (and counterarguments)

- Embedded system and IoT applications are very diverse and run on very diverse hardware. What is the point of bytecode if it really won't be that portable anyway?
 - This comes down to how good we are to creating a uniform abstraction layer over the diverse hardware. hardware may be diverse but will probably fall into categories that operate in similar ways.
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Garbage Collected Heap

Points in favour

Points against (and counterarguments)