**PI ID 891**  
FHIR Spec. release 1  
§8.14[.2] and 8.15[.2] Device and DeviceComponent Resources’ relationship  
  
It is indeed unfortunate that the modelling of an important class of devices - the personal health device [PHD] - uses the DeviceComponent resource rather than the more ‘natural’ Device resource. This is going to be a major source of confusion to new developers, and expresses a bad outset for such a new standard. Different approaches to resolve this include:  
  
 1. Fix the Device resource so that PHDs can be modeled using this ressource rather than DeviceComponent (PHDs clearly belong to the 80%, so this should be possible without extensions).  
 2. Rename Device and DeviceComponent to ComplexDevice and SimpleDevice in order to communicate the intended use of these ressources.  
 3. Fix the documentation. The text in §8.14.2 is pure nonsense when read by somebody attempting to construct a representation of a personal health device.  
  
In the ideal world, we would prefer option 1, but the other options would be acceptable as well.