



Content hand-over Related

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4 The following use-cases are superficially similar to [content hand-over](#)<sup>1</sup>, but have  
5 somewhat different requirements. We recommend that they are examined sepa-  
6 rately.

7 **Use-cases examined on separate pages**

- 8 • [Interface discovery](#)<sup>2</sup>  
9 • [Sharing](#)<sup>3</sup>  
10 • [Points of interest](#)<sup>4</sup>

11 **Monitoring status**

12 An application author wishes to indicate whether calling and/or SMS are cur-  
13 rently available. ()

- 14 • The platform must make this information available.  
15 – *We recommend implementing this by making it available as a C API*  
16 *in the platform, perhaps implemented in terms of oFono’s D-Bus API*  
17 *or an intermediary service such as Beckfoot. We recommend treating*  
18 *this as unrelated to content handover.*  
19 – *This feature needs a security model: is it available to all apps, or*  
20 *only to apps with a particular privilege listed in their manifests?*

21 An application author might be interested in the status of features of another  
22 application bundle. ()

- 23 • *If this is required, a clear security model is needed, and should be docu-*  
24 *mented. Otherwise there is a risk of unintended cross-app data disclosure.*  
25 • *We recommend that this should not be considered unless specific use-cases*  
26 *can be found. If it is required, we recommend not including this feature in*  
27 *the scope of content handover. As a general design point, we recommend*  
28 *avoiding premature generalization; accordingly, we suggest designing this*  
29 *facility on a case-by-case basis (perhaps by having the status-advertising*  
30 *application export its own D-Bus API with signals and properties), and*  
31 *only considering a more general SDK API if there are several use-cases*  
32 *with notably similar requirements.*

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<sup>1</sup>[https://sjoerd.pages.apertis.org/apertis-website/concepts/content\\_hand-over/](https://sjoerd.pages.apertis.org/apertis-website/concepts/content_hand-over/)  
<sup>2</sup>[https://sjoerd.pages.apertis.org/apertis-website/concepts/interface\\_discovery/](https://sjoerd.pages.apertis.org/apertis-website/concepts/interface_discovery/)  
<sup>3</sup><https://sjoerd.pages.apertis.org/apertis-website/concepts/sharing/>  
<sup>4</sup>[https://sjoerd.pages.apertis.org/apertis-website/concepts/points\\_of\\_interest/](https://sjoerd.pages.apertis.org/apertis-website/concepts/points_of_interest/)