



Content hand-over Related

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4 The following use-cases are superficially similar to [content hand-over](#)¹, 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](#)²
9 • [Sharing](#)³
10 • [Points of interest](#)⁴

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.*

¹https://martyn.pages.apertis.org/apertis-website/concepts/content_hand-over/
²https://martyn.pages.apertis.org/apertis-website/concepts/interface_discovery/
³<https://martyn.pages.apertis.org/apertis-website/concepts/sharing/>
⁴https://martyn.pages.apertis.org/apertis-website/concepts/points_of_interest/