



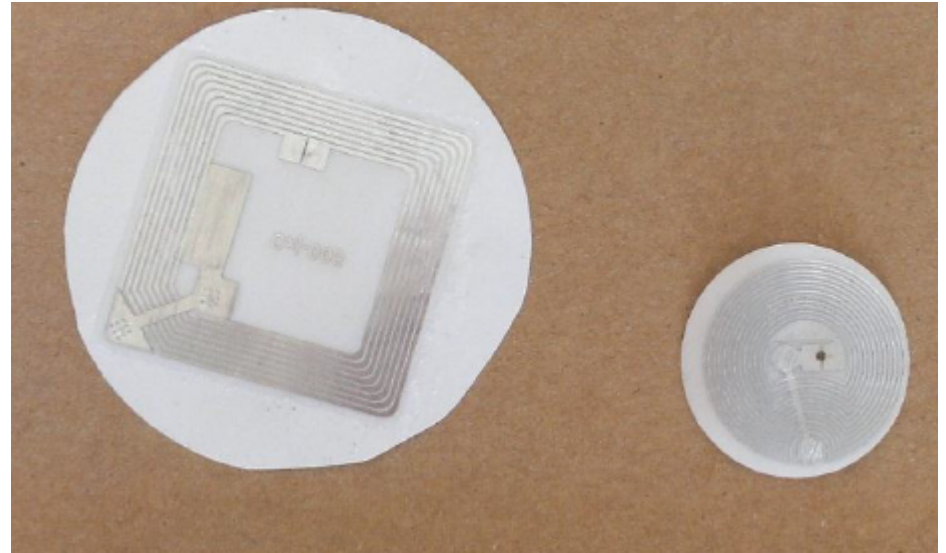
digitalSTROM

Home control with NFC

14.11.2013

NFC tags

- NFC builds upon RFID systems by allowing two-way communication between endpoints
- Google Nexus, powered with Ice Cream Sandwich

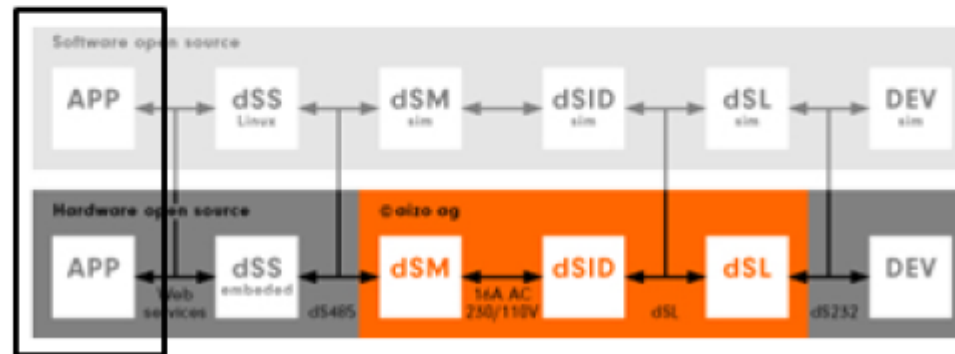


Topology

Bestehend: Interaktion mit digitalSTROM über die App, durch manuelle Bedienung der App.

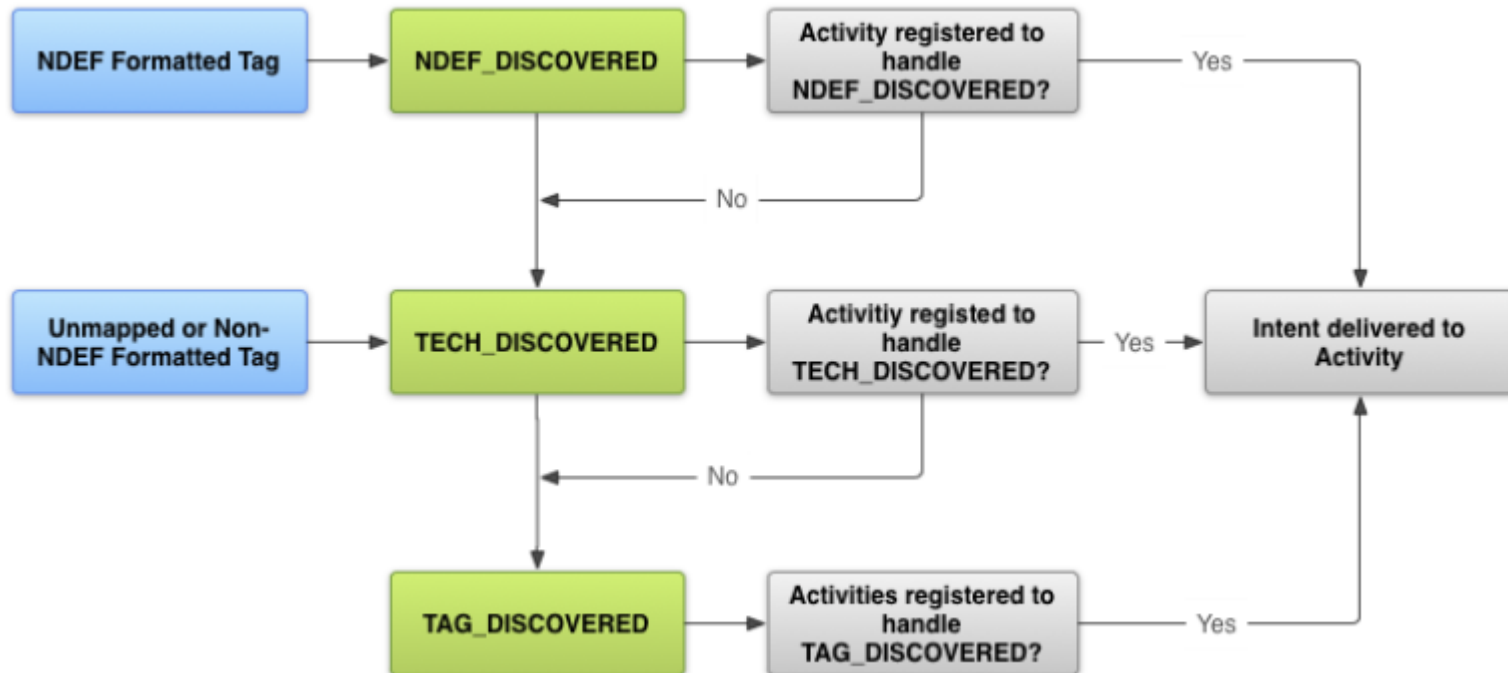
NFC-
Tags

Neu: Interaktion mit digitalSTROM über die App, durch Hinhalten des Smartphones bzw. Tablets an einen NFC-Tag.

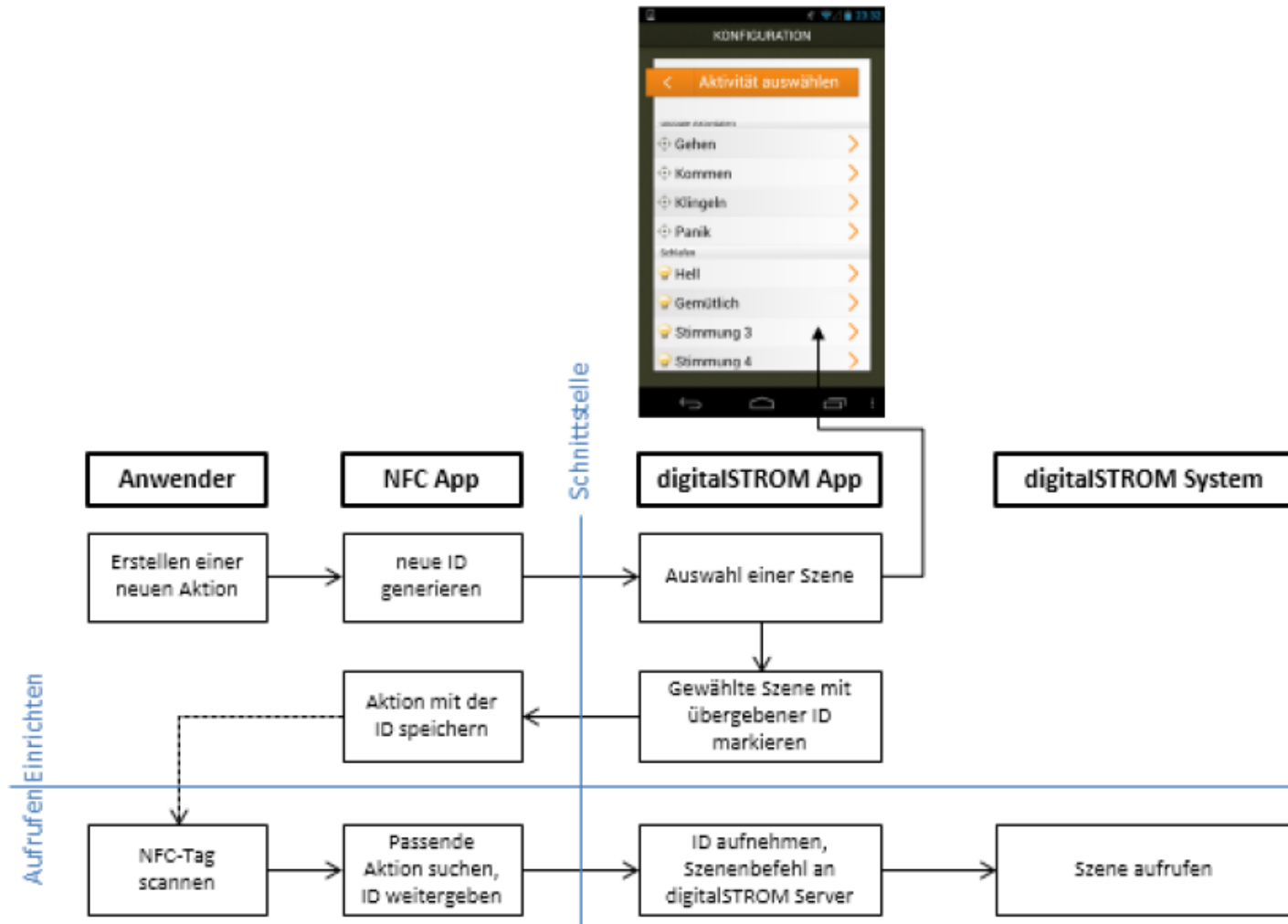


Android Intents

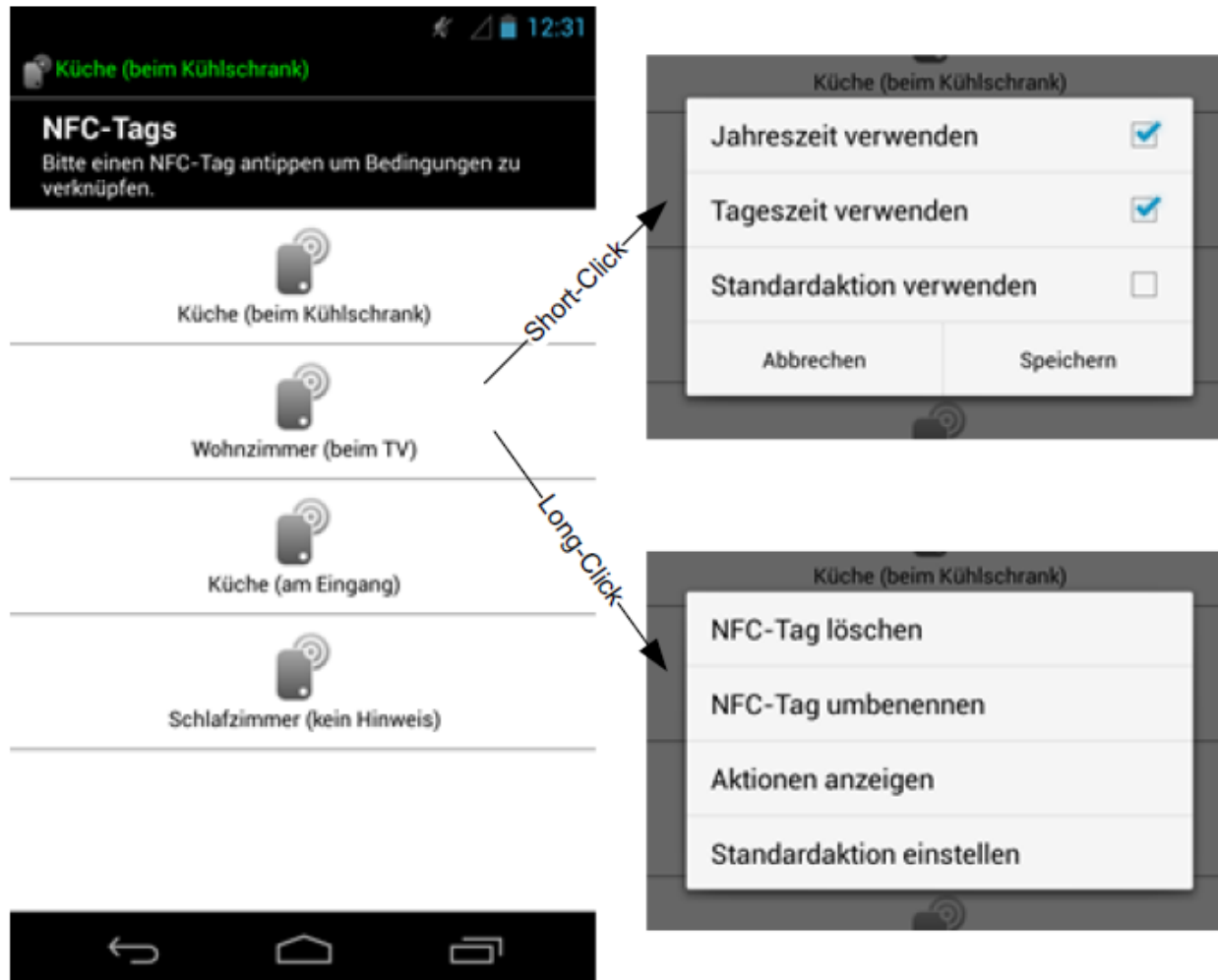
Android uses a new interfacing mechanism called intents



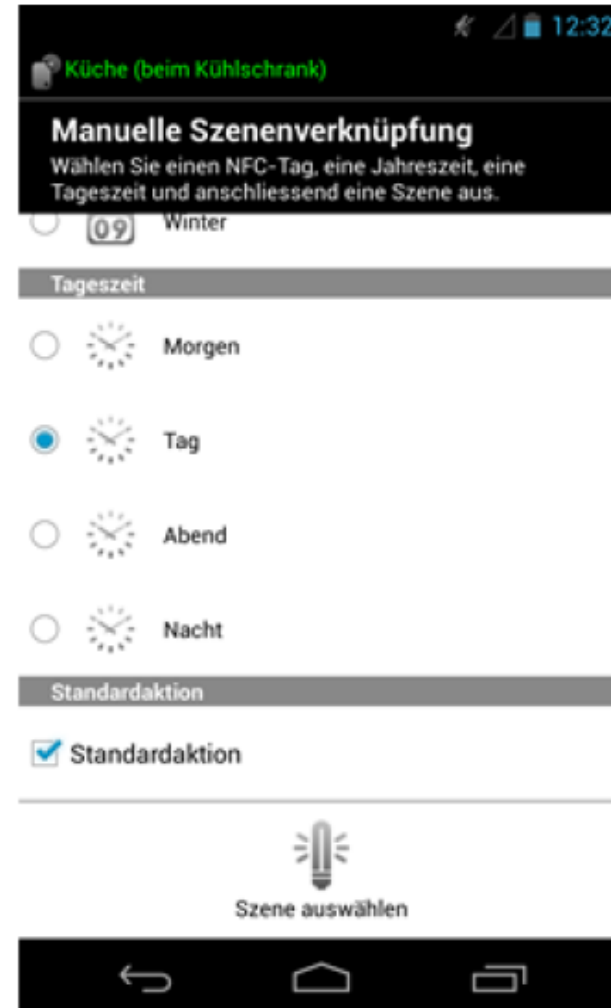
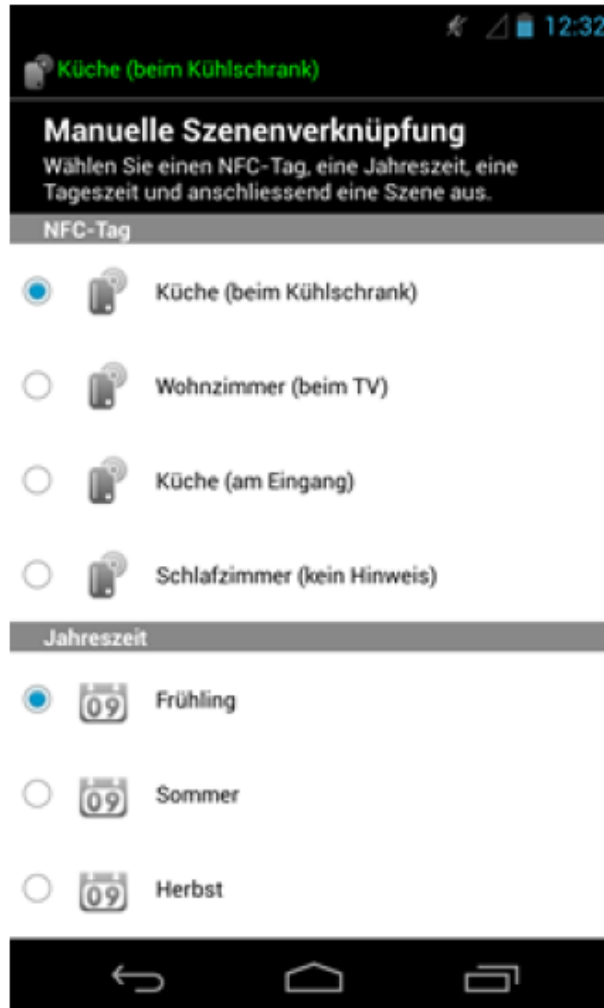
Integration of 2 apps



The NFC digitalstrom APP

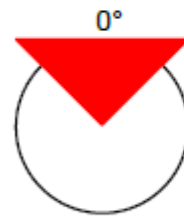
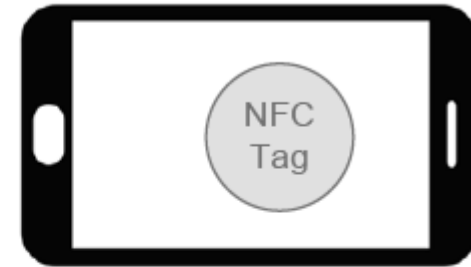
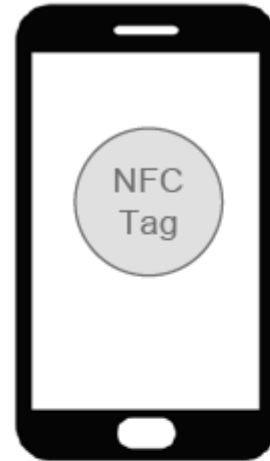


The NFC digitalstrom APP



Improvements

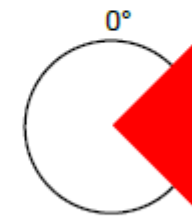
Use phone orientation
Keep only time of day
dependency



315° - 45°



Funktion 1



45° - 135°



Funktion 2