

A Notebook Sensors Data Set for Context Recognition

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Workshop on Benchmarks and a database for context recognition

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Data set

- Collected on a notebook which is in daily use
- Includes different situations (without annotation) and periods of inactivity
- Sensors (Features):
 - *Timestamp*
 - Wireless LAN (Mode, ESSID, associated AP, radio signal level, APs and ad-hoc devices in range)
 - Bluetooth (list of MAC addresses in range, number of devices in range)
 - Microphone (mean loudness, number of peaks, 16-band FFT)
 - Active application (active window)
 - Plugged into the charger
 - GSM cell ID
- Sampled every 30 seconds over roughly 2 months
- ~ 90000 samples, ~ 40 MB ASCII log file

Thank you for your attention !



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