Abstract

Smart phones like the older mobile phones are fast becoming a life style choice. These sleek devices with large amount of personal information in them make smart phone forensics, a key component in any criminal investigation. It presents a contrast between hardware and software approaches and highlights the key advantage of the software approach i. e. the speed at which actionable data can be made available with less technical knowhow. Moreover, the proposed plug-in based agent development provides an extensible framework to handle customizations
that will matchup with each unique nuance of phone platform and model. The main focus is the simplicity and extensibility of proposed approach but at the same time the paper does warn about the possible impact to device memory and contrasts with other alternatives.

References

- Iain Campbell, Symbian OS Communications, John Wiley and Sons, Ltd. , 2007. 11
- Jo Stichbury Symbian OS Explained, John Wiley and Sons, Ltd. 2004, 1. 10
- Svein Yngvar Willassen, Forensics and the GSM mobile phone system, The International Journal of Digital Evidence, Spring 2003, Volume 2 Issue 1
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- Richard Harrison, Mark Shackman, Symbian OS C++ for Mobile Phones Volume 3. John Wiley and Sons, Ltd. pp. 204-206
- Michael Auburt, Quick Recipes on Symbian OS Mastering C++ Smartphone Development, John Wiley and Sons, Ltd. pp. 60-63

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