22nd International Conference e-Society 2024 Privacy and Digital Literacy in the Internet of Things

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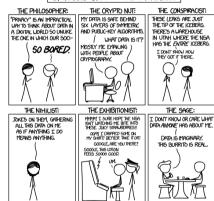
Last Update: March 9, 2024

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OPINIONS ON INTERNET PRIVACY



```
diff privacy.c
       @@ -1,1 +1,1 @@
  - Privacy
  + Security
        . . .
```

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Introduction -0

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The advent of ubiquitous computing has resulted in the widespread use of Internet of Things devices. These devices open up new avenues for the collection and exploitation of user and non-user personal data. Most end users are not even aware or have little control over the information that is being collected about them by these systems. This work took a rounded approach to this problem by doing:

- Literature review:
- A survey.



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- Through security [?, ?];
- Privacy notices [?, ?, ?];

Legislation or a framework/architecture mainly fall into one these two categories.



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Survey

86 Questions

- General knowledge and attitudes towards privacy
- Disposition for sharing personal information
- Privacy concerns
- Current online habits and practices
- Profile identification
- Knowledge and habits regarding the Internet of Things
- Demographic data





Future Work

Improvements regarding the survey:

- More lean survey;
- Some kind of reward for participants;

Topics for further research:

- Privacy literacy in IoT systems;
- Application of privacy in the design/development of IoT systems;
- User-centric approaches to IoT privacy.



Conclusion

- Standalone IoT privacy literature review;
- Tests from majority viewpoint of portuguese users;
- User testing reveals there is a large privacy knowledge gap;



References

Conclusion

Thank you for your attention.