DATA

ANONYMIZATION

AGENDA

ONE   obvious need

TWO   security concens

THREE   possible solution

FOUR   demo and todos

NEED

* devs need to work with real production data

* because we have to debug and test applications

CONCERNS

* but we don't need to access sensitive data

* because it puts users personal records at risk

RISKS

* extended attack surface

* lost or stolen device

* otherwise insecure environment

* remote team member

SOLUTION

* common approach for this is to take a production database dump

* and anonymize it

WHITELISTING

* compherensive approach

* takes longer to run

* might make application harder to test

BLACKLISTING

* is selective

* new or unidentified data might slip trough

DEMO

TODO

* complete script

* integrate with our workflow

* improve to anonymize data dumps on the fly

QUESTIONS

LINKS

* **sunitspace.blogspot.ie**/2012/09/data-anonymization.html

* **sunitspace.blogspot.ie**/2012/09/data-anonymization-blacklist-whitelist.html

* **github.com**/sunitparekh/data-anonymization

* **github.com**/Barzahlen/tidus