

It gets worse - XSS Worms

Spread on social networks

- Samy targeting MySpace (2005)
- JTV.worm targeting Justin.tv (2008)
- Twitter worm targeting Twitter (2010)

Variations on XSS attacks

- **Reflected XSS**

Malicious data sent to the backend are immediately sent back to the frontend to be inserted into the DOM

- **Stored XSS**

Malicious data sent to the backend are stored in the database and later-on sent back to the frontend to be inserted into the DOM

- **DOM-based attack**

Malicious data are manipulated in the frontend (javascript) and inserted into the DOM