BLIND XSS

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^lift

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LET'S TALK BLIND XSS

- What is it?
- Using it in penetration tests
- Challenges
- xss.io

WTF IS BLIND XSS

XSS IS:

- Reflected
- Persistent (stored)
- DOM

BLIND XSS IS:

- Reflected
- **Persistent (stored)**
- DOM

IT'S A DIFFERENT CHALLENGE.

IT'S NOT LIKE BLIND SQLI WHERE YOU GET IMMEDIATE FEEDBACK.

YOU HAVE NO IDEA **WHERE** YOUR PAYLOAD'S GOING TO END UP.

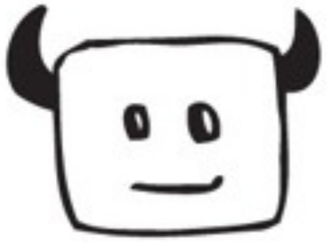
YOU DON'T EVEN KNOW WHETHER YOUR PAYLOAD WILL EXECUTE (OR WHEN!)

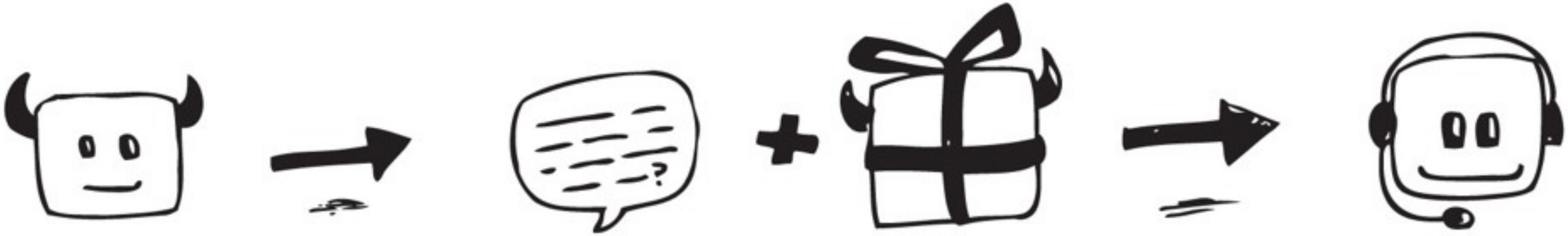
YOU MUST **THINK AHEAD** ABOUT WHAT YOU WANT TO ACCOMPLISH.

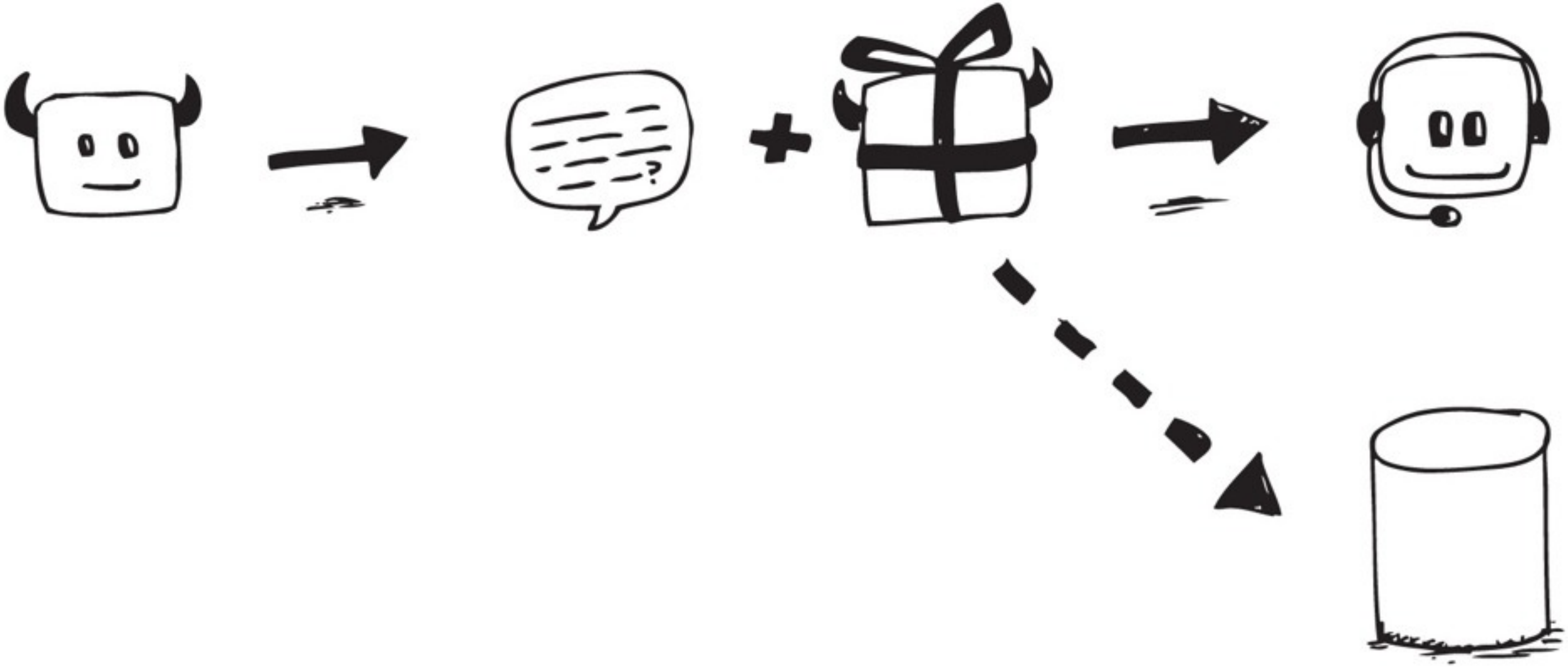
... AND YOU HAVE TO BE LISTENING.

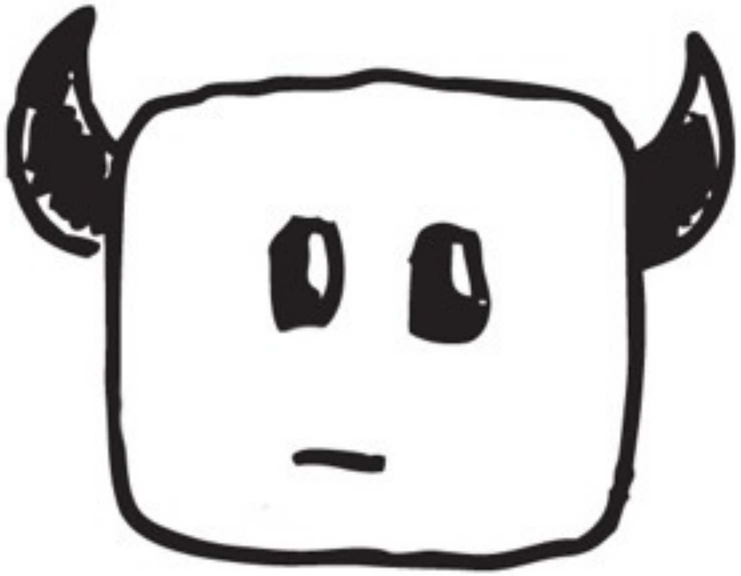
FOR EXAMPLE...

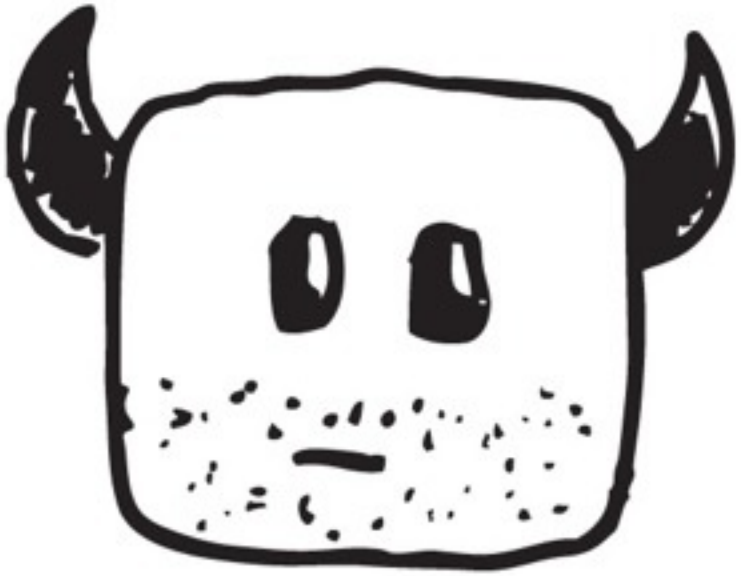
From a penetration test

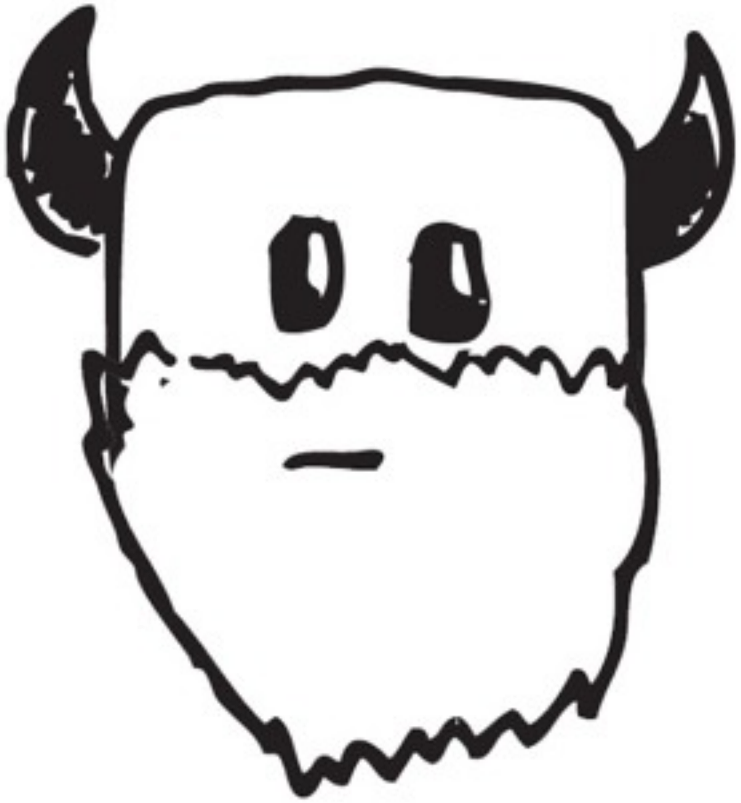












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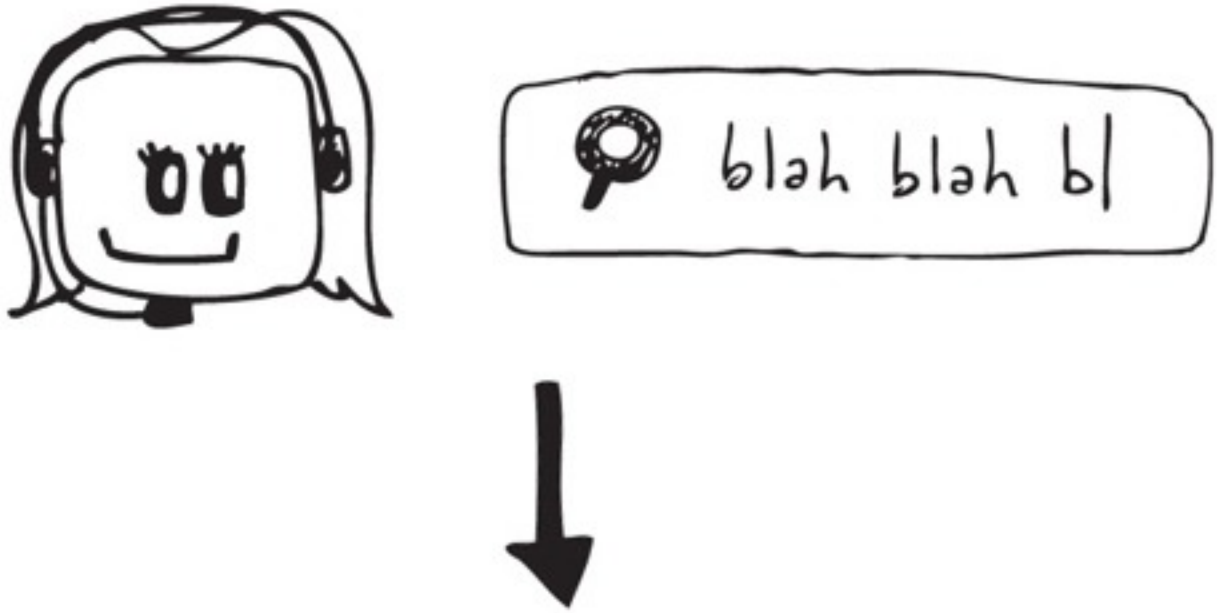
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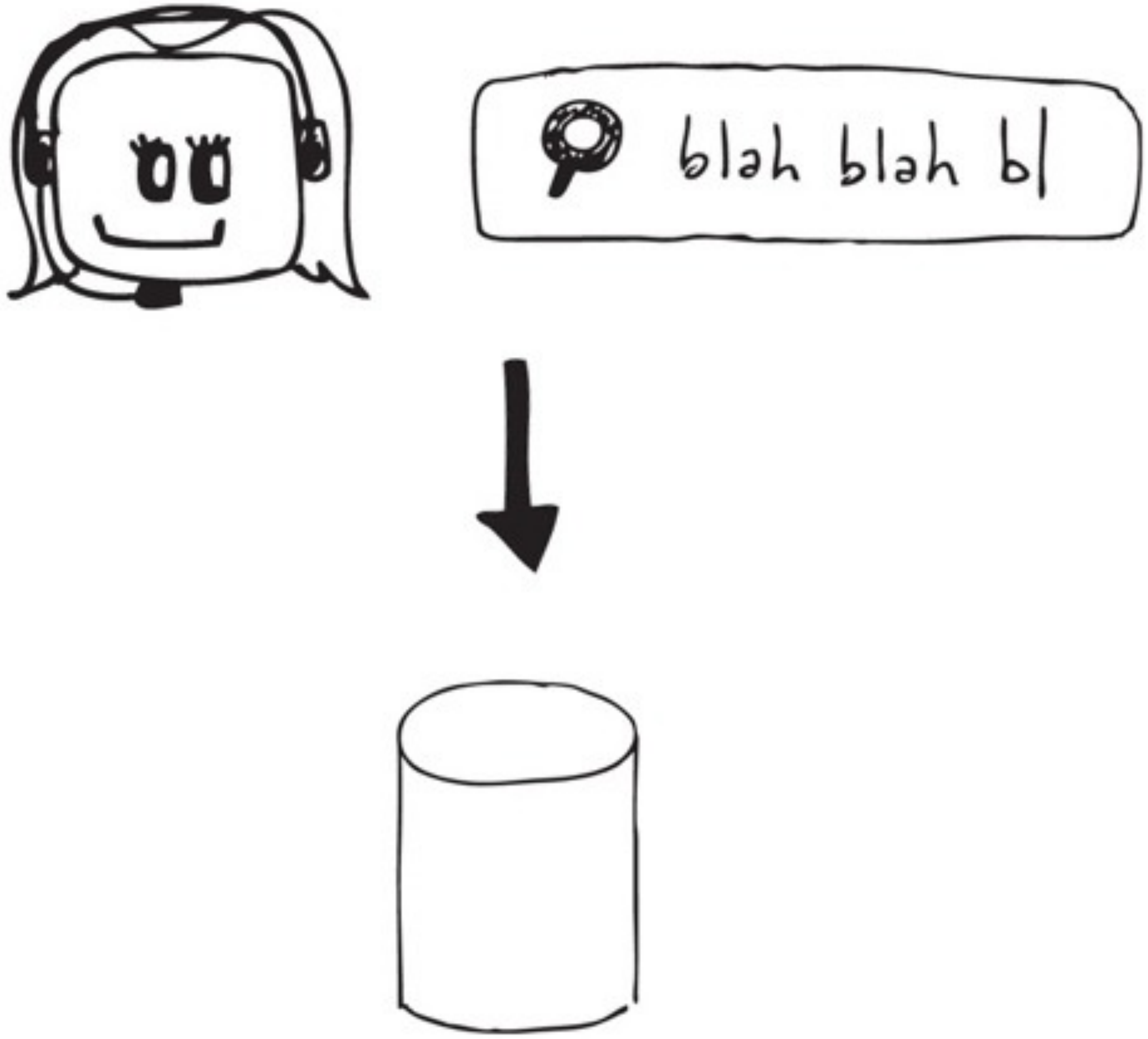
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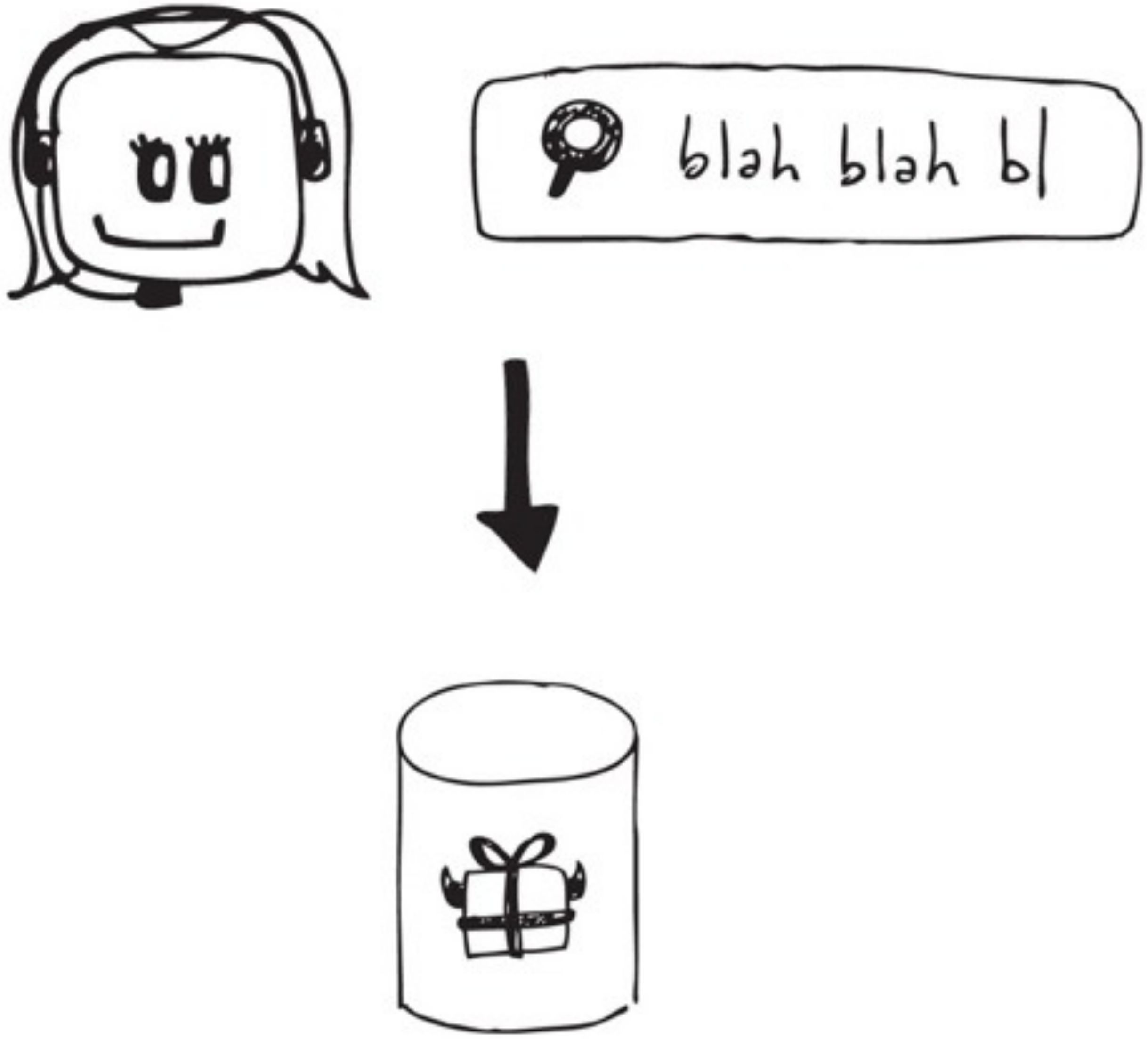
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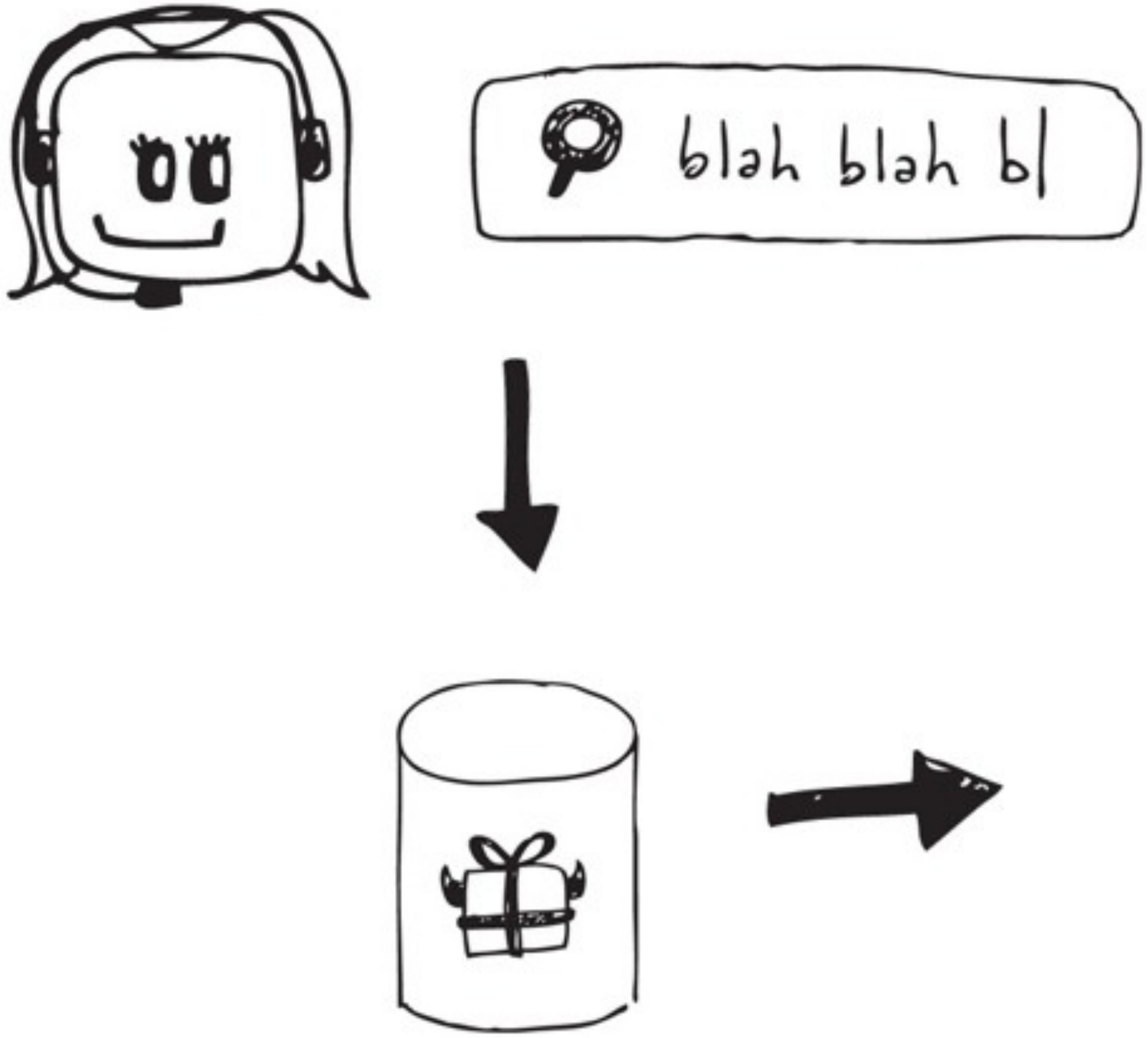
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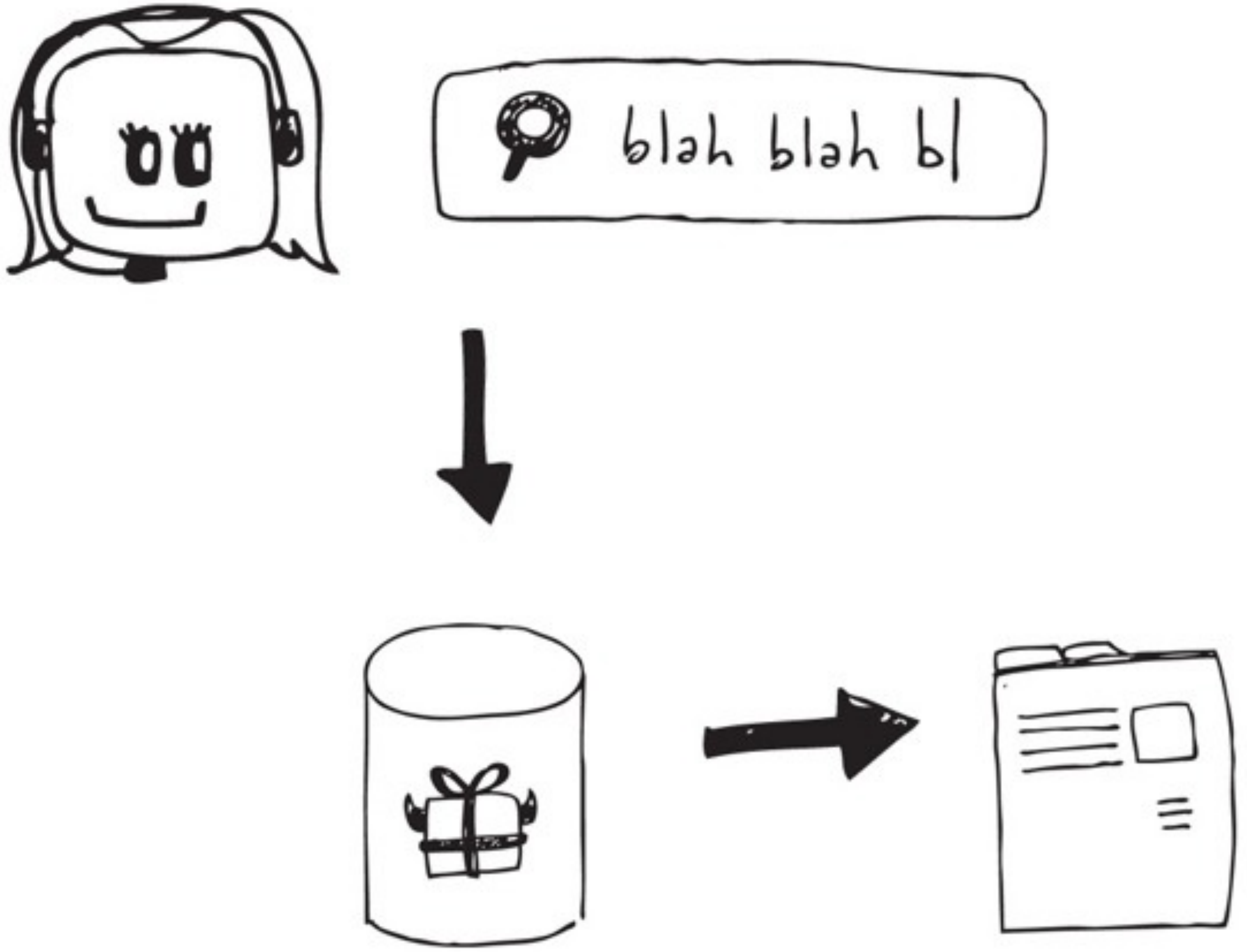
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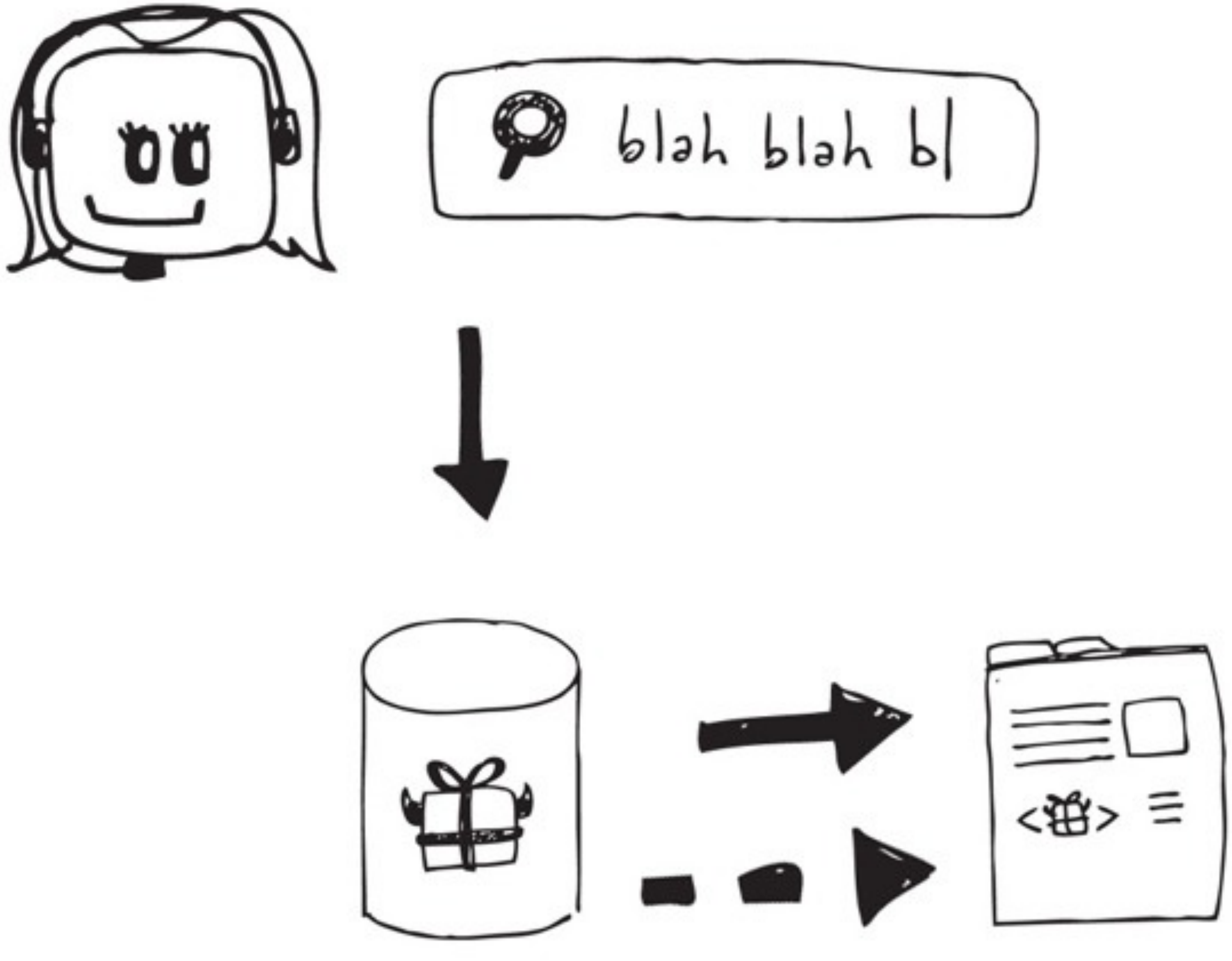
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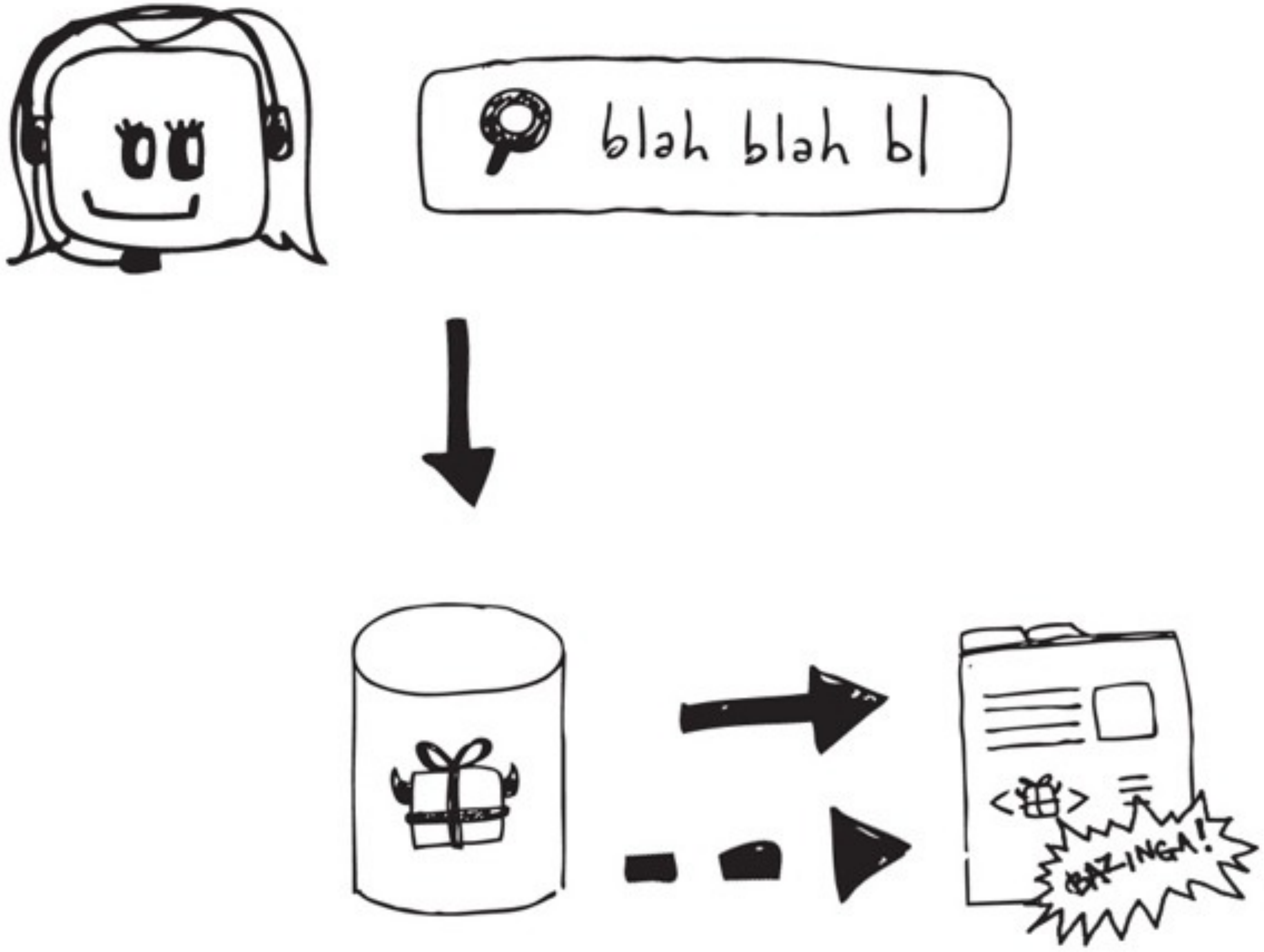
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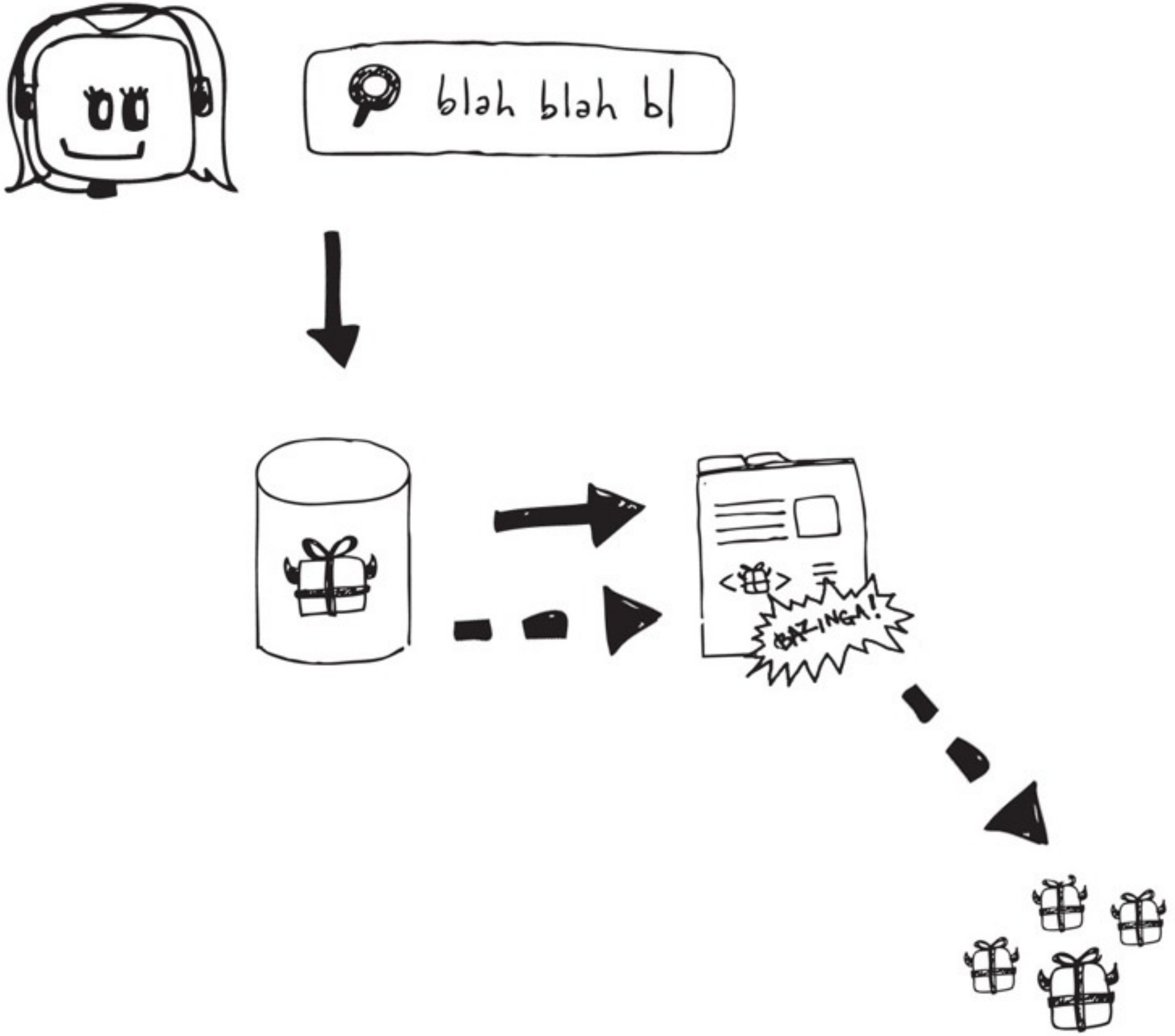
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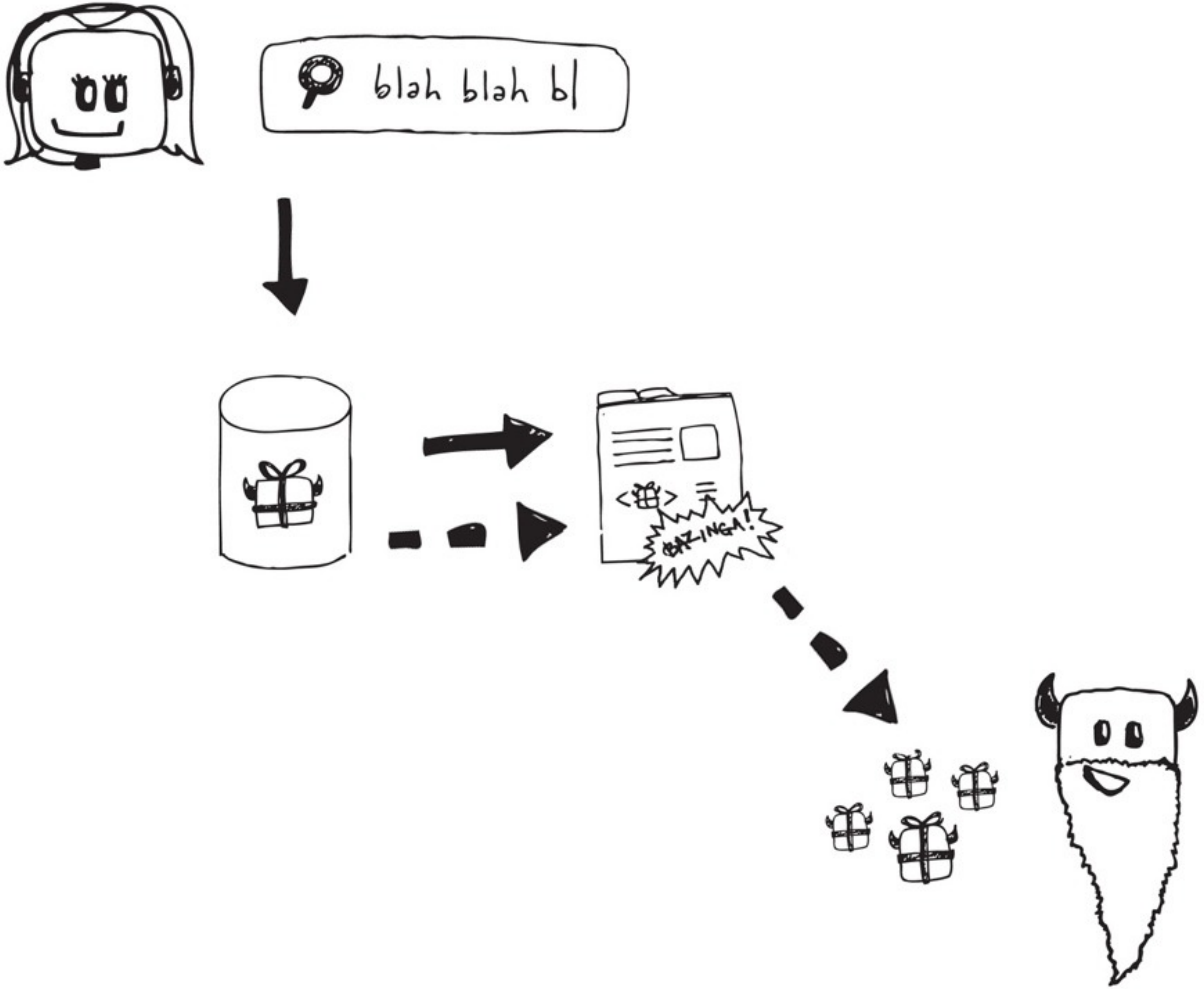
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STEPS TO A SUCCESSFUL BLIND XSS EXPLOIT:

1. Carefully choose the right payload for the right situation.

STEPS TO A SUCCESSFUL BLIND XSS EXPLOIT:

1. Carefully choose the right payload for the right situation.
2. Get lucky!

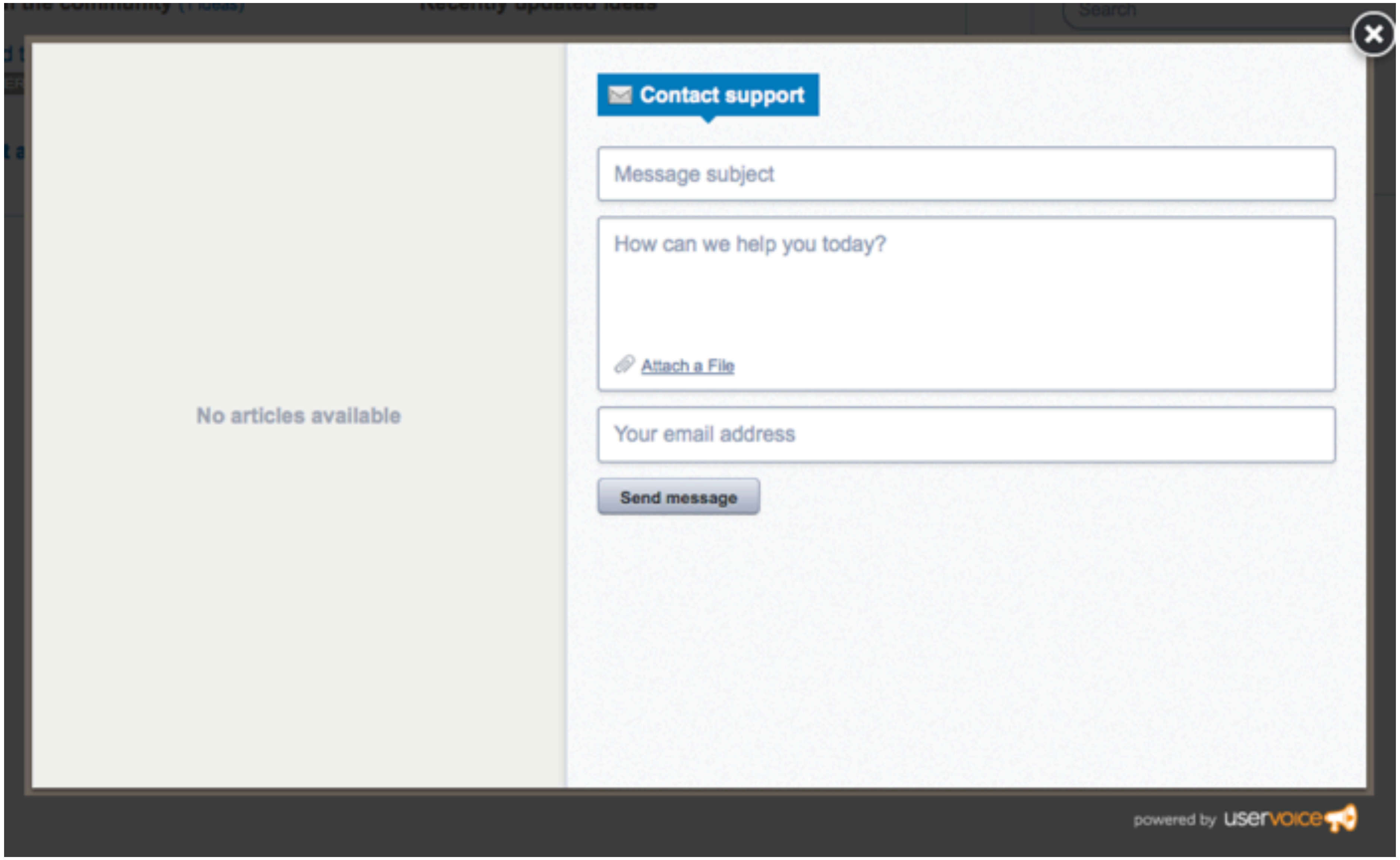
HTML5SEC.ORG

- Lots of payloads for various situations.
- ...but doing everything would be overkill.

PLAN YOUR PAYLOAD. HOW WILL THE APP USE YOUR DATA?

NICE TARGETS:

- log viewers
- exception handlers
- customer service apps (chats, tickets, forums, etc)
- anything moderated



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BLIND XSS MANAGEMENT

XSS.IO CAN HELP!

SIZE MATTERS... RIGHT?

- Sometimes you need all the character space you can get.
- No short-url GUID
- xss.io uses custom referrer-based redirects instead

EXPLOIT CREATOR

- Snippets for common tasks
- Quickly create and reference dynamic payloads

DEAD DROP BLIND XSS API AND MANAGER

(XSS.IO DEMO)

</PRESENTATION>

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