BUILDING YOUR FIRST WORDPRESS PLUGIN

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WHAT IS A PLUGIN?

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54,920* CURRENTLY ON WP.ORG

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LET'S LOOK AT A SIMPLE PLUGIN

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HELLO DOLLY

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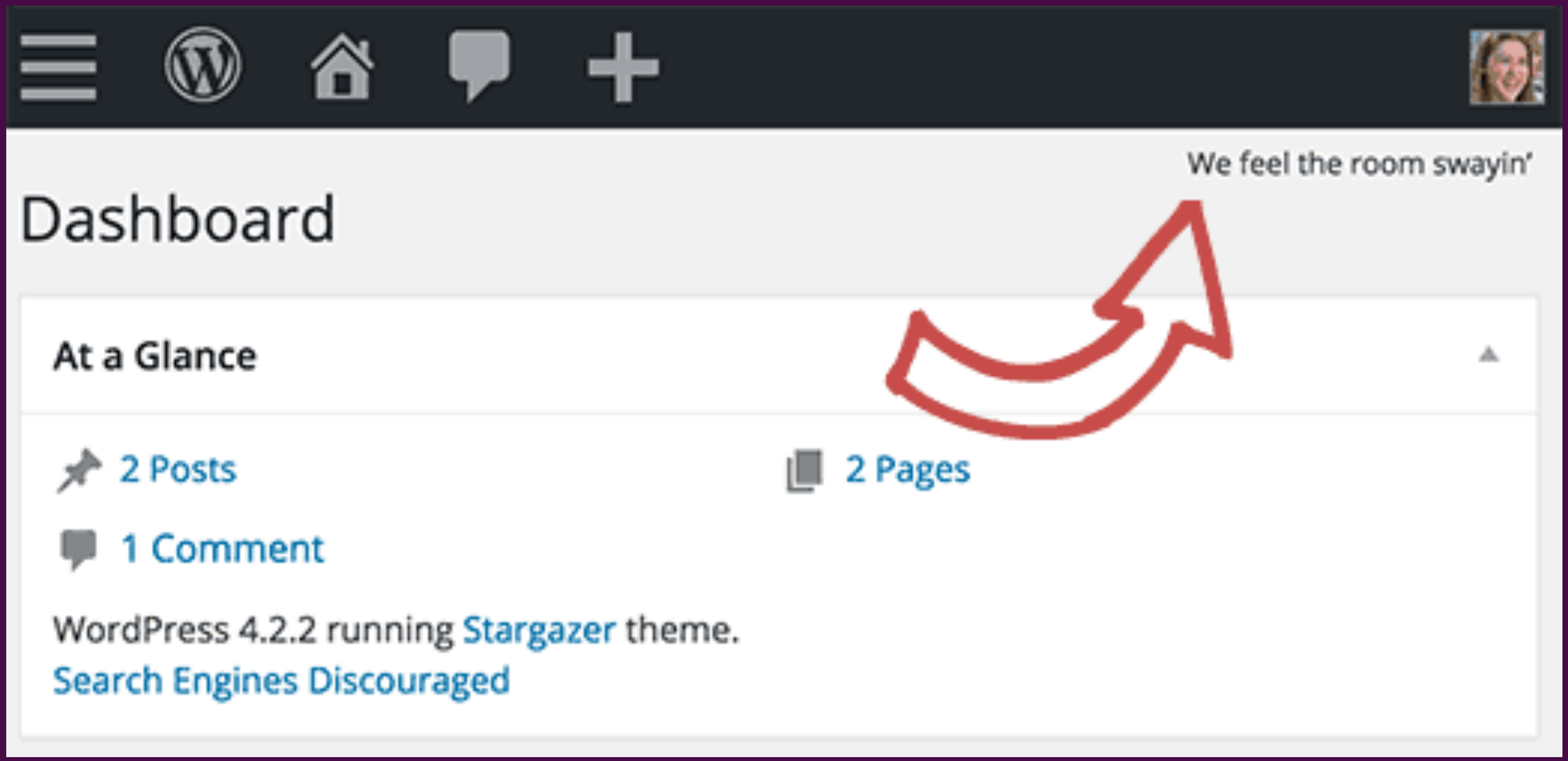

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1 FILE, 80 LINES OF CODE

(ALMOST HALF OF THAT IS JUST SONG LYRICS)

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DEMO: HELLO DOLLY

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NOW LET'S BUILD OUR OWN

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AUTHOR TAGLINE PLUGIN

LET AUTHORS PICK A TAGLINE AND DISPLAY THAT TAGLINE ON POSTS AND PAGES WITH A SHORTCODE

SECONDARY GOAL: USE AS MANY FEATURES OF WORDPRESS AS POSSIBLE

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STEP 0: INITIAL PLUGIN SETUP

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STEP 1: CUSTOM DATABASE TABLE

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CUSTOM DATABASE TABLES

ADDED WHEN YOU NEED TO STORE DATA IN A NON-WP-NATIVE FORMAT

WE _COULD_ DO THIS WITHOUT A CUSTOM DB TABLE

CREATE DB TABLE ON PLUGIN ACTIVATION AND REMOVE IT ON PLUGIN DELETION

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STEP 2: LET USER ADD A TAGLINE AND SAVE

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CUSTOM USER PROFILE FIELDS

WE CAN USE HOOKS TO ADD INPUTS TO THE USER PROFILE SCREEN

DATA SAVED TO OUR CUSTOM DB TABLE

ALWAYS VALIDATE YOUR INPUTS (EVEN IN WP-ADMIN)

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WHAT ARE HOOKS AND FILTERS?

ADD_ACTION('ADMIN_NOTICES', 'HELLO_DOLLY');

CHANGE AND MODIFY WORDPRESS WITHOUT MODIFYING THE CORE

HOOKS ARE TRIGGERED AT CERTAIN POINTS IN THE EXECUTION

FILTERS CAN CHANGE VALUES BEFORE THEY REACH THE END USER

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STEP 3: GIVE THE ADMINS VISIBILITY

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ADMINS SHOULD BE ABLE TO SEE EVERYTHING

LET'S GIVE THEM A TABLE TO VIEW ALL TAGLINE

PLUGIN SETTINGS PAGE THAT ONLY ADMINS CAN ACCESS UNDER 'TOOLS'

FOR A FANCIER VERSION, LOOK AT WP_LIST_TABLE (CAREFULLY)

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STEP 4: OUTPUT THE TAGLINE

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TAGLINE OUTPUT

WE'LL CREATE A [TAGLINE] SHORTCODE

WHENEVER WORDPRESS ENCOUNTERS [TAGLINE] IN A POST OR PAGE, IT WILL OUTPUT THE AUTHOR'S TAGLINE

GUTENBERG*

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DEMO

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DISTRIBUTION

CREATE A README.TXT AND UPLOAD TO THE WP.ORG PLUGINS REPO (AFTER REVIEW)

DISTRIBUTE THROUGH GITHUB OR YOUR OWN SITE

SELL THROUGH PLUGIN MARKETPLACES

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GENERAL TIPS AND TRICKS

NAMESPACE OR PREFIX YOUR FUNCTIONS

BE SENSIBLE WITH WHAT YOU ENQUEUE

TEST YOUR PLUGIN WITH NEW VERSIONS OF WP

WORDPRESS CODING STANDARDS

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QUESTIONS?

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