

HR

# PLAYING WITH DESIGN PATTERNS

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**Author:** Łukasz Siwiński

**Contact:** [lksi@netcompany.com](mailto:lksi@netcompany.com)

netcompany

# SET UP



[tinyurl.com/pwdp-setup](https://tinyurl.com/pwdp-setup)

# whoami

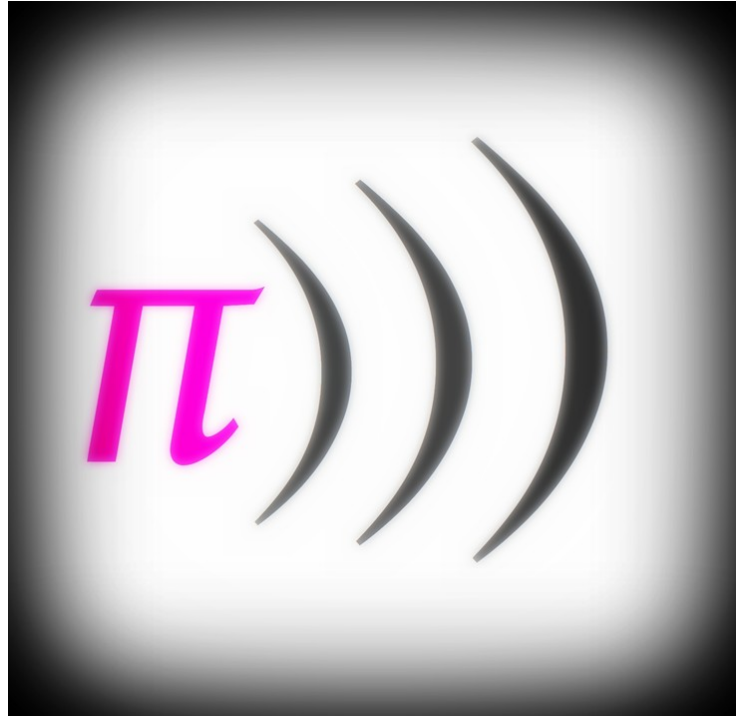


# Wzorce Projektowe



# Sonic Pi

## Szybkie wprowadzenie

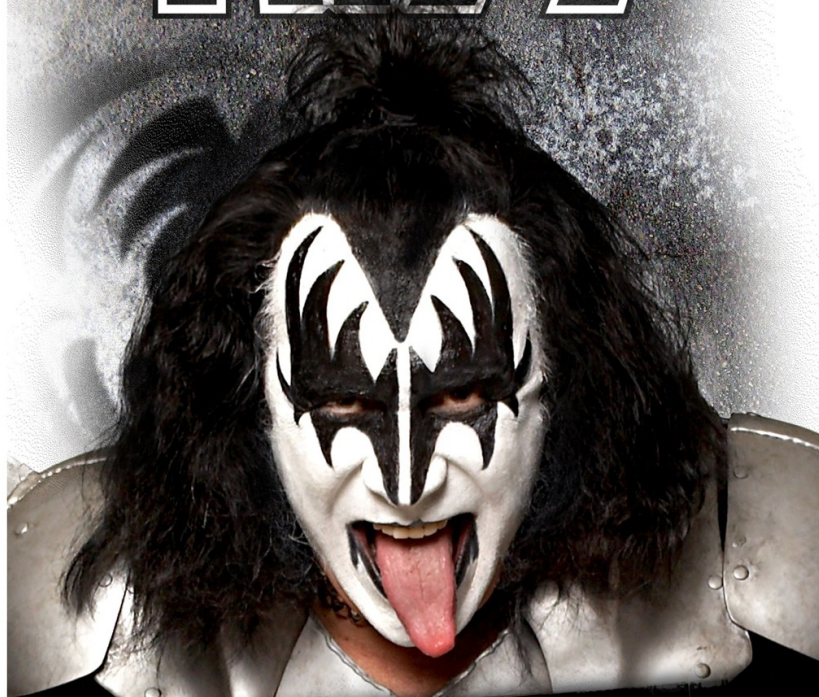


# Ruby vs OOP





**KISS®**



# Big Ball of Mud Pattern



<https://goo.gl/FFjoFY>



## TYPY WZORCÓW PROJEKTOWYCH

```
graph TD; A[TYPY WZORCÓW PROJEKTOWYCH] --- B[CZYNNOŚCIOWE (Behavioral)]; A --- C[KREACYJNE (Creational)]; A --- D[STRUKTURALNE (Structural)];
```

CZYNNOŚCIOWE  
(Behavioral)

KREACYJNE  
(Creational)

STRUKTURALNE  
(Structural)

created with [www.bubbl.us](http://www.bubbl.us)

# Strategia



# LIVE CODING STRATEGIA

# Metoda Fabrykująca



# LIVE CODING METODA FABRYKUJĄCA

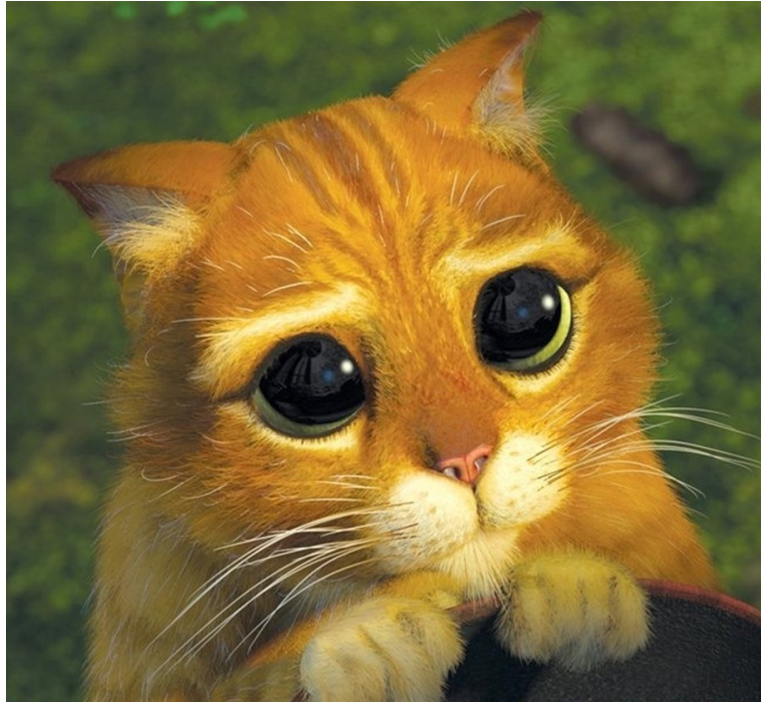


# Podsumowanie



<https://goo.gl/FBKzD5>

# Please help



<https://goo.gl/YpEqGK>

# Weblate

The screenshot displays the Weblate web interface for a translation project. The browser address bar shows the URL: <https://hosted.weblate.org/translate/sonic-pi/tutorial/pl/?type=todo>. The page title is "Sonic Pi / Tutorial / polski / tłumaczenie".

Navigation controls include a search bar with the text "Teksty wymagające podjęcia czynności", a page indicator "1 / 202", and a "Zen" button.

The main content area is titled "Przetłumacz" (Translate) and contains a text box labeled "Źródło" (Source) with the following text:

In the above example we assign a ring of numbers to a variable `a` and then used it within two separate `live\_loop`s. In the first live loop every `0.5`s we sort the ring (to `(ring 1, 2, 3, 4, 5, 6)`) and then print it out to the log. If you run the code, you'll find that the printed list \*is not always sorted!\*. This may surprise you - especially that sometimes the list is printed as sorted, and sometimes it is not. This is called non-deterministic behaviour and is the result of a rather nasty problem called a race-condition. The problem is due to the fact that the second live loop is also manipulating the list (in this case shuffling it) and by the time the list is printed, sometimes it has just been sorted and sometimes it has just been shuffled. Both live loops are racing to do something different to the same variable and every time round a different loop 'wins'.

Below the source text is a text box labeled "Tłumaczenie" (Translation) with a "Skopiuj" (Copy) button and a "Wymagające zmian" (Needs changes) checkbox.

At the bottom of the main content area are three buttons: "Zapisz" (Save), "Zaproponuj" (Propose), and "Pomiń" (Skip).

On the right side, there is a "Słownik" (Dictionary) section with a table showing "Źródło" (Source) and "Tłumaczenie" (Translation) for "Sonic Pi - Info". Below the table is a "Dodaj słowo do słownika" (Add word to dictionary) button and input fields for "Źródło" and "Tłumaczenie".

Below the dictionary is an "Informacja źródłowa" (Source information) section with a question mark icon. It contains the following information:

- Położenie tekstu źródłowego** (Source text location): 05.6-Variables.md:154
- Wiek tekstu źródłowego** (Source text age): 9 miesięcy temu (9 months ago)
- Plik tłumaczenia** (Translation file): etc/doc/lang/sonic-pi-tutorial-pl.po, ciąg 644
- Priorytet tekstu** (Text priority)

# Pytania?



# CODING



[tinyurl.com/pwdp-setup](https://tinyurl.com/pwdp-setup)



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COMMITTED

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