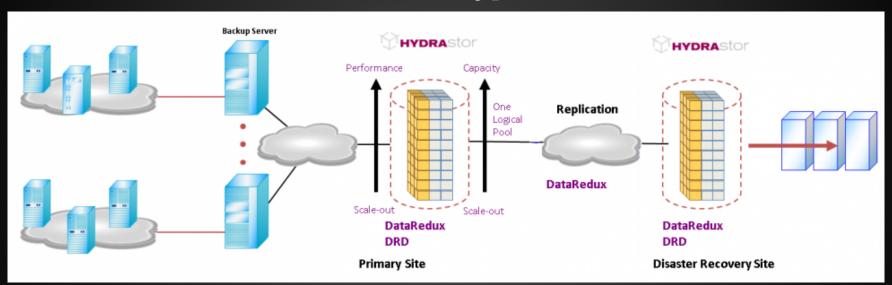
Optymalizacja ruchu sieciowego w symulowanym systemie rozproszonych kopii zapasowych

Autorzy:

Krzysztof Kiewicz Paweł Kura Dawid Łazarczyk Marcel Zięba Prowadzący: dr Robert Dąbrowski



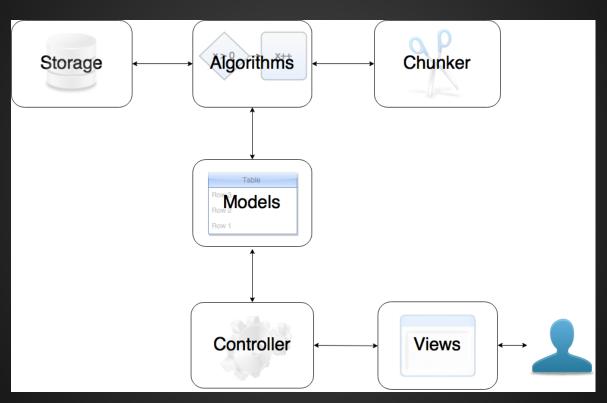
Wstęp

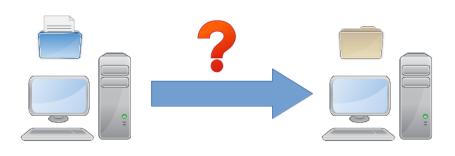


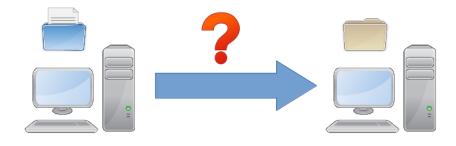
Cele projektu

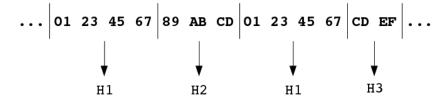
- Stworzenie symulatora
- Przygotowanie danych testowych
- Opracowanie wyników

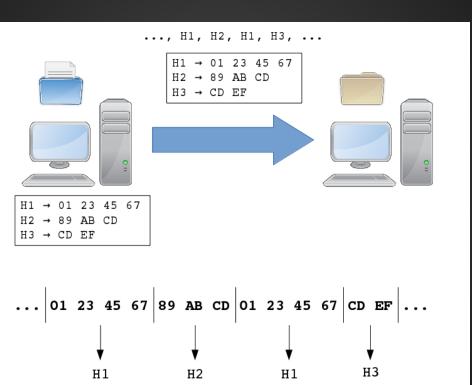
Architektura









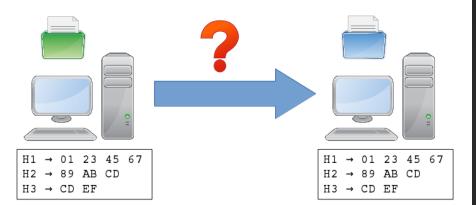


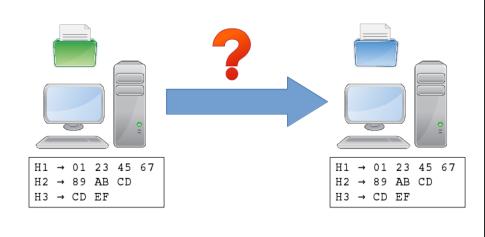


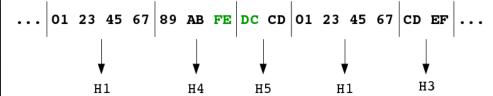
H1 \rightarrow 01 23 45 67 H2 \rightarrow 89 AB CD H3 \rightarrow CD EF

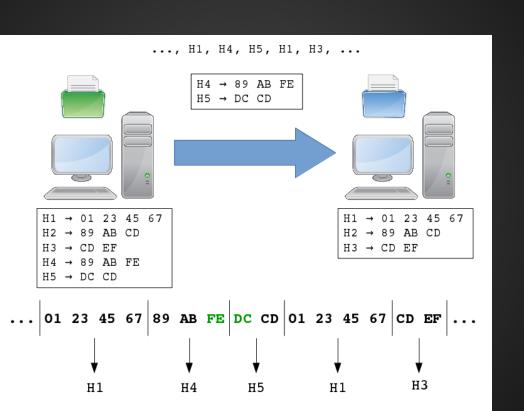


 $H1 \rightarrow 01$ 23 45 67 $H2 \rightarrow 89$ AB CD $H3 \rightarrow CD$ EF











H1 → 01 23 45 67 H2 → 89 AB CD H3 → CD EF H4 → 89 AB FE H5 → DC CD



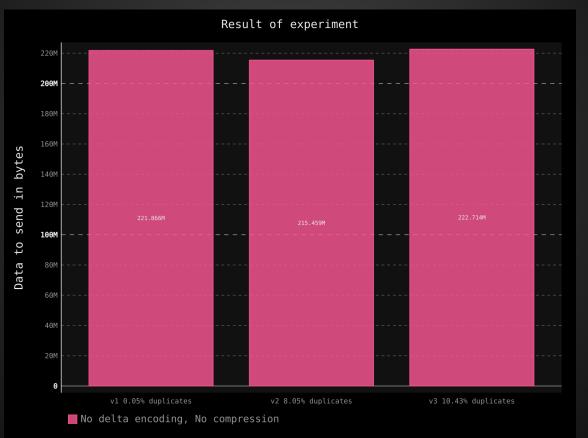
H1 → 01 23 45 67 H2 → 89 AB CD H3 → CD EF H4 → 89 AB FE H5 → DC CD

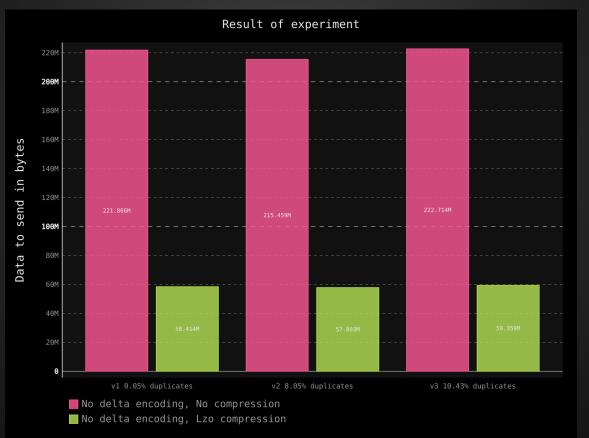
Testowane algorytmy

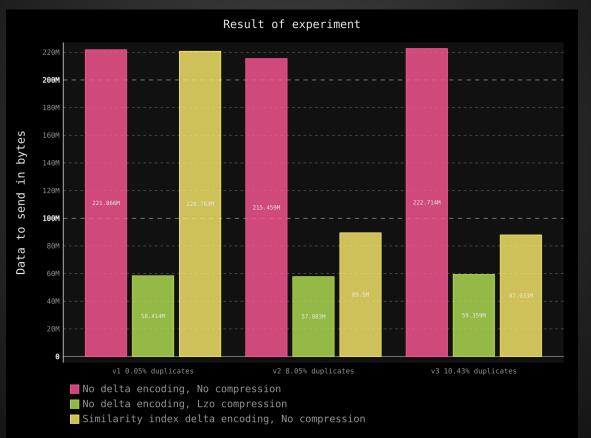
- Brak delta kodowania
- Optymalne delta kodowanie
- Indeks podobieństwa

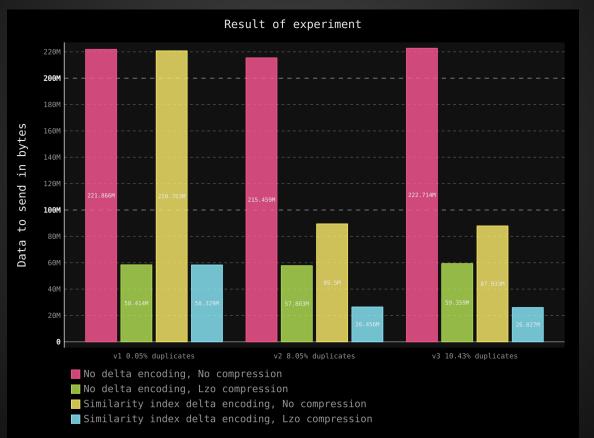
Dane testowe

- Źródła jądra Linuxa
- Kopie zapasowe katalogu domowego
- Bazy danych
- Strony internetowe

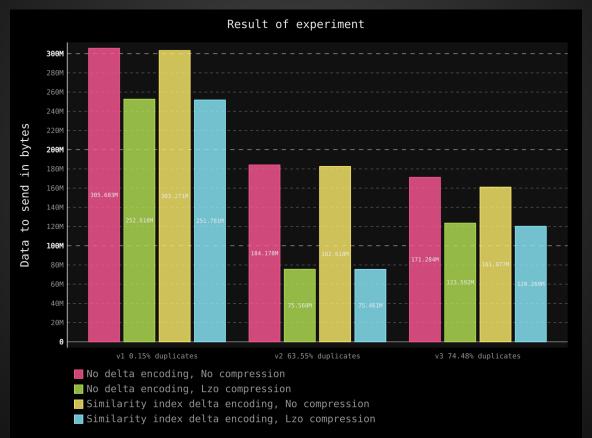








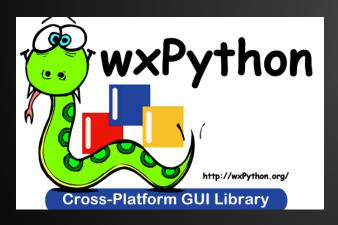
Wyniki dla katalogu domowego



Technologie



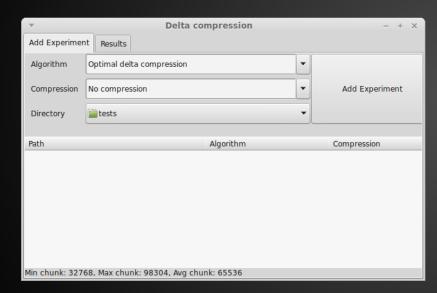


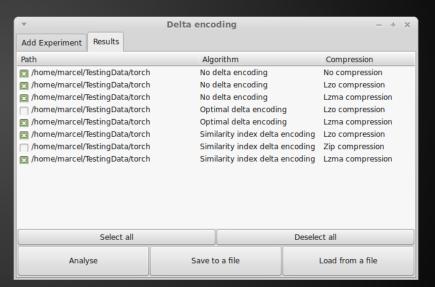


Organizacja pracy

- Agile
- Test Driven Development
- Inspekcja kodu (Code review)
- Github repozytorium git
- Trello

Demo





Podsumowanie

- Symulator
- Algorytmy
- Dane testowe
- Wyniki

Dziękuję za uwagę