

# Ontology Matching with Word2Vec

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## Summary

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# 1 Introduction

## 2 Problem

### 2.1 Short Context

### 2.2 Problem

### 2.3 Research questions

### 2.4 Hypotheses

### 2.5 Justification

Consider moving this up

## **3 Context**

### **3.1 The Semantic Web**

#### **3.1.1 Goal**

#### **3.1.2 Current state**

#### **3.1.3 Technologies**

### **3.2 Ontologies**

#### **3.2.1 OWL**

#### **3.2.2 Role**

### **3.3 Current merging strategies**

### **3.4 Other related research**

### **3.5 Used technology**

#### **3.5.1 Ontology constructor**

#### **3.5.2 AgreementMaker**

#### **3.5.3 MapReduce**

## **4 Method**

### **4.1 Evaluation methods**

### **4.2 Data**

## **5 Algorithm**

### **5.1 Idea**

### **5.2 Theory**

### **5.3 Product**

## **6 Results**

## **7 Conclusions**

### **7.1 Recap research questions**

### **7.2 Recap hypotheses**

### **7.3 Conclusion per hypothesis**

### **7.4 Overview of results**

### **7.5 Final conclusion**

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## **8 Discussion**

### **8.1 Interpretation**

### **8.2 Unexpected results**

### **8.3 Expected results**

### **8.4 Future research**

## **A Appendix 1**