

Machine-Assisted Extraction of Formal Semantics from Domain Specific Semi-Formal Diagrams

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Abstract

Please keep your abstract short, fifteen lines or less. Remember that the MWS conference is attended by people from many academic disciplines, as well as colleagues in government, industry, foundations and nonprofits, and the defense and intelligence communities. So strive to make your abstract accessible.

1 Introduction

Significance

2 Related Work

3 Generating Formal Meaning from Informal Diagrams

3.1 Visual Domain Specific Languages

3.2 Intermediate Representation

3.3 Inference Engine

4 Compartmental Model for Epidemiology

4.1 SIRS Model

4.2 Vital Dynamics

5 Conclusions

6 Future Work

7 Acknowledgments

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8 Resources, web sites, etc.

MWS seeks to build a community and share resources, so feel free to have a section in your paper that points readers to web sites, github pages, etc.

References

[1] Arnold Lobel. Days with Frog and Toad. 1979.