





Petri Nets in Software Technology

Scientific Writing II

Hauptseminar (SS 19) Wednesday, 2. DS, APB/3105 Thomas Kühn (thomas.kuehn3@tu-dresden.de)





Reading



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Practical Paper Writing Preparing your Submission

Modular Feature-Oriented Graphical Editor Product Lines

Thomas Kühn Software Technology Group Techische Universität Dresden Dresden, D-01062, Germany

Walter Cazzola Computer Science Department Università degli Studi di Milano Milan, I-20135, Italy

ABSTRACT

Software Product Lines (SFL) have a long tradition and into a formal producting development on the presenting reaching the religions to the presenting reaching formal production of increases. The Production successfully spylical to develop familiate of languages, administry of the production of production of production of the production of the pr

KEYWORDS

Software Product Lines, Language Product Lines, Modeling Languages, Graphical Editors Product Lines

ACM Reference format: Themas Khih, Kevin box Kassin, Walter Cazzola, and Uwe Aftmann. 2018. Modular Feature-Oriented Graphical Editor Product Lines. In Proceedings of Software Product Line Conference, Geothenburg, Sweden, Sept. 10-14 (SPLC'18). 11 pages.

1 INTRODUCTION

reds.ing. development costs by increasing trans. Software Posts. Loca (SPA), in particular, permit to disactically increase convenience when creating product variants. In case of dynamics (SPA, this gos afs as to a follow for dynamically, Admiging product variants a runtime. More recently, researchers successfully applied SPLs is develop families of infaguages, withmestly establishing the field of SPLS (SPLS) (Kevin Ivo Kassin Software Technology Group Technische Universität Dresden Dresden, D-100st, Cermany Kevin, javaksarinjentallote, tot dereden de Uwe Afimann Software Technology Group Technische Universität Dresden Dresden, D-100st, Cermany

uwe.assmann@tu-dresden.de

an LPL corresponds to a dedicated compiler, interpreter, and/or clube for each meshed or for all languages, currently, most of languages and control of the language family. Controlly, most of languages, such as domest speedic interprete (DEA) and general propose progressment (languages, towk as domest speedic interprete (DEA) and general propose propose meshed languages (DEA) and general propose propose meshed languages are process such as conceptual medium languages or process such as conceptual medium languages are process such as conceptual medium languages or process such as conceptual medium languages are process such as conceptual medium languages conceptual medium languages trained in superior day a corresponding product of such as Gardinal languages virtual is supported by a corresponding product of such language virtual is supported by a corresponding product of such language trained in the such as desirable and the such such as a s

figurations. Hemselorth, this feature model will be central to our prototypical implementation. Framily of metamodels for RMLs was established in line with the neutronoleling approach for LPLs [27] to the contract of the c

separete into the improper models. Consider, for materia, the delta models for not intervience, schede full and L. Herr, the mapping samply declares that the bela leiber is are models in reingered of the delta model control are well believe threat excellent to 1,0, delta it to the main pockage crown, 130 false 3), and set its superlyst to the delta model control are well believe threat excellent for the property of the delta model are delta for the control of t

8, Sept 10-14, Gothenburg, Sweder

of role modeling language

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Practical Paper Writing Check the Geometry

Modular Feature-Oriented Graphical Editor Product Lines Software Technology Group Techische Universität Dresden Software Technology Grou Techische Universität Dresder Uwe Aßmann Software Technology Group Techische Universität Dresden Dresden, D-01062, Germany Computer Science Department Università degli Studi di Milano Milan, I-20135, Italy cazzola@di.unimi.it uwe.assmann@tu-dresden.de Software Product Lines (SPLs) have a long tradition and aim at reducing development costs by increasing reuse. They have been successfully applied to develop families of languages, ultimately establishing the field of Language Product Lines (LPLs). Currently, entablishing the field of Language Product Lines (LFLs). Currently, LFLs defither a demay of retural language, by defining an SFL of complication/repreters in contrast, this work sizes at supporting collies, whereas calls hanguage victuatis is apported by a corres-quently product of a Coupheal Edicar Product Line (GEFS). Thus fur there exists no modulu approach for the evolveyment of CPLs and further of visual language. Years in Forenchy this, the paper intro-servation of the contrast of the contrast of the contrast of the state of the contrast of the contrast of the contrast of the contrast ing product line. To showcase the suitability and applicability of our approach, we developed a module GIFL for the family of modeling language. Finally, we limitate its extensibility by adding a complex language fature. 8, Sept 10-14, Gothenburg, Sweder might argue that an SPL of graphical editors is easy to develop using classical SPL engineering approaches [42], our experience Software Product Lines, Language Product Lines, Modeling Languages, Graphical Editors Product Lines ACM Reference format: Thomas Kühn, Kevin Þor Kisssin, Walter Cazzola, and Uwe Affinann. 2018. Modalaf Fenture-Oriented Graphical Editor Product Lines. In Proceedings of Software Product Line Conference, Gothenburg, Sweden, Sept 10-14 (SPLC'18). 1 INTRODUCTION In NODOCLION The development of product lines has a long tradition and aims at reducing development costs by increasing reuse. Software Product Lebes (STA), in particular, permit to distalkoily increase one development costs by increasing resonance areas of dynamics STA, this government are as to allow of valumatically damping product variations at runtime. More recently, researchers successfully applied STA to develop families of languages, ultimately establishing the field realized and the state of the s of role modeling language mapping for role inheritance prototypical implementation. Family of Metamodels The family of metamodels for RMLs was raminy of metamocutes (ne raminy) of metamocutes for roots was established in line with the metamodeling approach for LPLs [27] by developing a corresponding feature-oriented metamodel generate. In particular, it was implemented employing both feature-lite as well as del taEcore [44]. While the former supports managing

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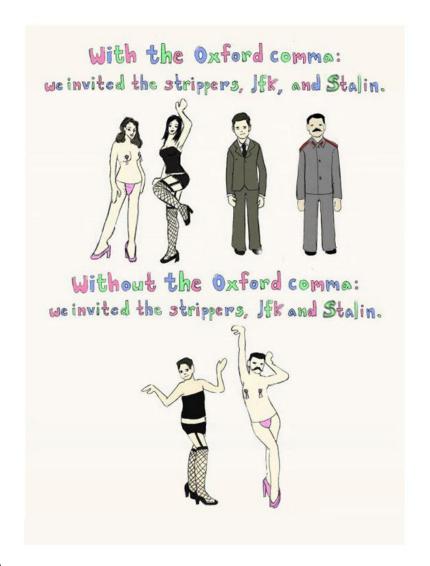
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- 3) https://github.com/raphink/overcolored
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- 5) https://www.youtube.com/watch?v=8Gv0H-vPoDc
- 6) http://richardgilbert.me/we-like-the-oxford-comma-ii 43





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- 7) http://www.chicagomanualofstyle.org/book/ed17/part2/ch08/psec159.html
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Practical Paper Writing Check Misused Words and False Friends

Usual	Other	Usuai	Other
alternative	alternate	foregoing	forgoing
comparable	comparative	further	farther
complement	compliment	elusive	illusive
dependent	dependant	manyfold	manifold
descendant	descendent	omit	emit
discrete	discreet	partly	partially
emit	omit	principle	principal
ensure	insure	simple	simplistic
ensure	assure	solvable	soluble
excerpt	exert	stationary	stationery



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Right	Wrong	
adaptation	adaption	
apparent	apparant	
argument	arguement	
comparison	comparision	
consistent	consistant	
definite	definate	
existence	existance	
foreign	foriegn	
grammar	grammer	
heterogeneous	heterogenous	
homogeneous	homogenous	
independent	independant	
insoluble	insolvable	

Right	Wrong
miniature	minature
occasional	occaisional
occurred	occured
participate	particepate
primitive	primative
propagate	propogate
pronunciation	pronounciation
pseudo	psuedo
referred	refered
repository	repositery
separate	seperate
supersede	supercede
transparent	transparant





- Include a non-breaking space before each citation modeling languages~\cite{authorE}
- Citations at end of a sentence

```
"conducted, as well. [5]'' \rightarrow "conducted [5], as well."

"modeling languages. [27]'' \rightarrow "modeling languages [27]."
```

Correctly list citations

```
"[1], [2], [3], [6]" should be "[1-2,6]"
\cite{authorA,authorB,authorC,authorF}
```





• Fix footnotes occurring before punctuations

```
"family of RMLs3." → "family of RMLs.3"
"feature12," → "feature,12"
"major drawback 123" → "major drawback1,2,3"
\usepackage[multiple]{footmisc}
```

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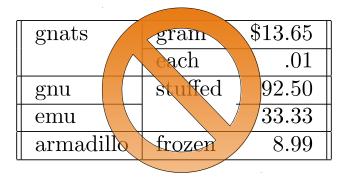


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Practical Paper Writing Check Figure, Tables, and Listings Placement

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 - For tables above
 - For listings above
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 - Use booktabs for tables \usepackage{booktabs}
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 \toprule \midrule \bottomrule
 - Never use double line



Item		
Animal	Description	Price (\$)
Gnat	per gram	13.65
	each	0.01
Gnu	stuffed	92.50
Emu	stuffed	33.33
Armadillo	frozen	8.99





Practical Paper Writing Care for Orphans and Widows

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bibendum gravida eget elit.

Lorem ipsum dolor sit amet,

consectetur adipiscing elit. Fusce nec pharetra justo. Nam in augue quis dolor bibendum gravida eget elit. Fusce vestibulum finibus nisi id fermentum. Nullam cursus urna enim, ac feugiat nunc sollicitudin vel integer feugiat tincidunt.

Widow

 Last sentence of paragraph on new page

Orphan

 First sentence of paragraph on previous page

Orphan (alternative)

 Last word of paragraph alone on last line

9) https://en.wikipedia.org/wiki/Widows_and_orphans



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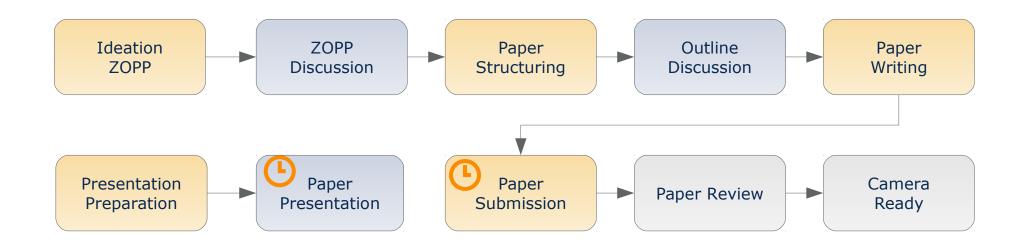
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