

What's in a name?

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The Data

- ▶ Text taken from Linux blogs
- ▶ Automatic markup normalisation and sentence segmentation, manually corrected
- ▶ Parsed with off-the-shelf English Resource Grammar
- ▶ 452 manually annotated items
- ▶ 16% of errors in semantic arguments in compounds (compared to 9% PP attachment)
- ▶ 10/15 top (syntactic) label confusions relate to name vs. not-name distinctions

Domain-specific collocations

Examples of compounds mis-bracketed

(open source) software

(web server) header

(small business) server

(free software) community

(static IP) configuration

(file server) support

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(FSF rights) definition

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FSF (rights definition)

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Solutions

- ▶ treebank large amounts of in-domain data
- ▶ use an external resource to enforce hard constraints
- ▶ learn domain-specific lexical model and integrate it with the parse ranking model

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However, only 10-15% of compound errors were of this type.

What's a name?

- ▶ Capitalisation triggers potential named entities.

I think Tree is coming.

Install Windows after Ubuntu.

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- ▶ This can add unnecessary ambiguity to parsing.

*Beautiful **G**reen **A**rtwork*

*New **P**ackage **M**anagement*

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Beautiful Green Artwork
New Package Management
- ▶ And lead to difficult choices for the treebanker.
Our article entitled Ubuntu As Intended drew a fair amount of discussion.

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What's in a name?

I have newly installed Ubuntu Lucid Lynx.

What's in a name?

I have newly installed Ubuntu [Lucid Lynx](#).

What's in a name?

I have newly installed Ubuntu [Lucid](#) Lynx.

For [Lucid](#) Lynx users

What's in a name?

*I have newly installed Ubuntu **Lucid** Lynx.*

*For **Lucid** Lynx users*

*For **Lucid** users*

*For **Lucid** Users*

What's in a name?

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For [Lucid Lynx](#) users

For [Lucid](#) users

For [Lucid Users](#)

Added support for NVIDIA 3D Vision [Stereo](#).

Half Life 2 - [Retail](#)

The 195.22 NVIDIA [Accelerated Linux Graphics Driver Set for Linux/x86](#) is available for download