



PyParsing

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Pyparsing





What is it?

PyParsing

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■ A Simple Grammar Parser



What is it?

PyParsing

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- A Simple Grammar Parser
- Pure Python



What is it?

PyParsing

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- A Simple Grammar Parser
- Pure Python
- Easy to use



What is a grammar?

PyParsing

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■ Terminals and NonTerminals



What is a grammar?

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- Terminals and NonTerminals
- A Parsing or production rules



What is a grammar?

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- Terminals and NonTerminals
- A Parsing or production rules
- Combine to build a grammar



What is a grammar?

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- Terminals and NonTerminals
- A Parsing or production rules
- Combine to build a grammar
- BNF Stuff



Parsers

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■ Foundation for any language..



Parsers

PyParsing

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- Foundation for any language..
- But can be used for other stuff



Parsers

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- Foundation for any language..
- But can be used for other stuff
- identify and tokenize code or other text



Parsers

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- Foundation for any language..
- But can be used for other stuff
- identify and tokenize code or other text
- For example.. SVG



SVG Path

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■ Multiple path types



SVG Path

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- Multiple path types
- Lines, Curves, etc.



SVG Path

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- Multiple path types
- Lines, Curves, etc.
- Can be relatively complex.



SVG Path

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- Multiple path types
- Lines, Curves, etc.
- Can be relatively complex.
- 1, 2 or more points, optional "Comma"



Lets look at some code..

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Code example...



Find out more

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<http://pyparsing-public.wikispaces.com/Pyparsers>