



# Perl

# The Scripting Language

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## Outline of the talk

- What is Perl?
- Main characteristics
- Why did I choose it?



## What is Perl?

- Perl is a language for getting your job done
- Perl is designed to make the easy jobs easy, without making the hard jobs impossible
- **Simple:** you don't need to know much before writing useful programs
- **Rich:** there is much to be learned about it
- **Powerful:** data-reduction, navigate files, scan large amounts of text, create and obtain dynamical data, filesystem manipulation, process management, database administration, client-server programming, secure programming, ...



## Main Characteristics

- Different types of variables: floats, integers, string, ...
- Different kinds of data structures: relational hashes, lists, (multidimensional) arrays, ...
- Text-parsing structures are built-in
- Scripting language, BUT compilable
- Fast, easy programming
- Rich set of control structures: while, for, foreach, ...



## Main Characteristics (II)

- Secure programming
- OO capabilities
- Modulable
- Portable
- Embedable

## Conclusion

Perl =

sh, bash, csh, tcsh, ...

+

awk

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sed

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C, C++(OOP)

+

much more