

IDN Interoperability Discussion

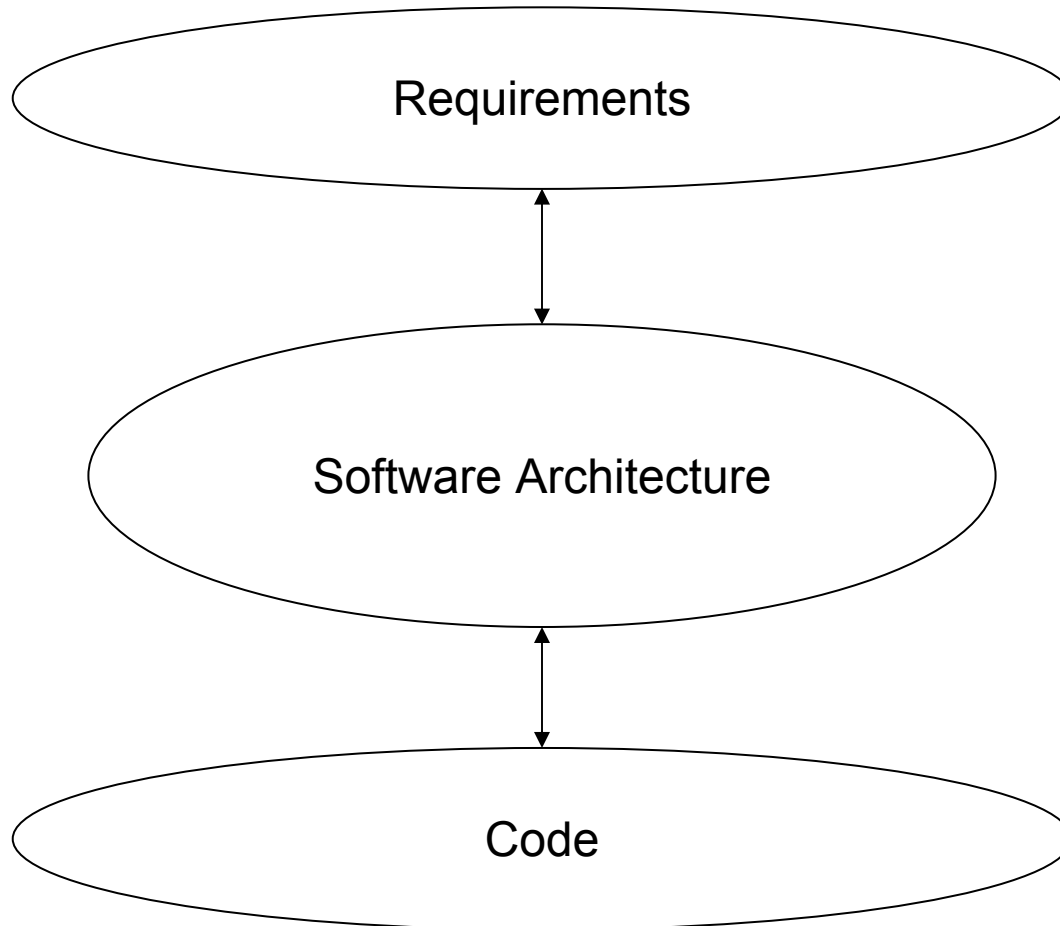
Kenny Huang

PIR

Cape Town, ICANN

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Software architecture as a bridge



Interoperability Principle

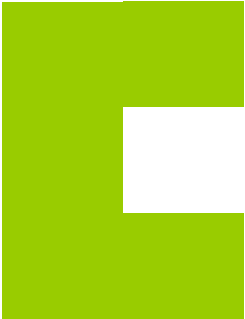
- Interoperability definition
 - The ability for multiple software components written in different programming languages to communicate and interact with one another
- Key aspect : Seamlessness
 - The developers of a multi-language software system need to be aware of language differences between interoperating software components
 - Example of the seam include the appearance of foreign function interface calls in source code

Interoperability between IDN applications



Interoperability with multiple IDN clients

IDN Server



Compatibility and Revision

- Unicode revision
 - Current IDNA use Unicode3.2
 - Will it cause compatibility issue if Unicode change to future revision.
- Application interoperability
 - Email, WWW, FTP, ..etc