

# Templates with Ruby API Builder Language



RABL

You're doing it wrong if you're using  
`to_json`

RABL

MessagePack

```
"\x93\x01\x02\x03"
```

JSON

```
{ "glossary": {  
  "title": "example glossary",  
  "GlossDiv": {  
    "title": "S"
```

XML

BSON

```
"\x16\x00\x00\x00\x02hello  
\x00\x06\x00\x00\x00world  
\x00\x00"
```

```
<glossary>  
  <title>example glossary</title>  
  <GlossDiv>  
    <title>S</title>  
    <GlossList>
```

# RABL

## Many Representations

```
def as_json(options={ })
  {
    :id => self.id,
    :first_name => self.first_name,
    :last_name => self.last_name,
    :image_url => self.image_url
  }
end
def new_result
  {
    :FullName => self.full_name,
    :Result => Result.find_by_user_id(self.id)
  }
end
```

# RABL

## Templates

```
# Alias 'age' to 'years_old'  
attributes :age => :years_old
```

```
# Include a custom node with full_name for user  
node :full_name do |user|  
  [user.first_name, user.last_name].join(" ")  
end
```

```
# A custom node related to if the user can drink  
node :can_drink do |user|  
  user.age >= 18  
end
```

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Client



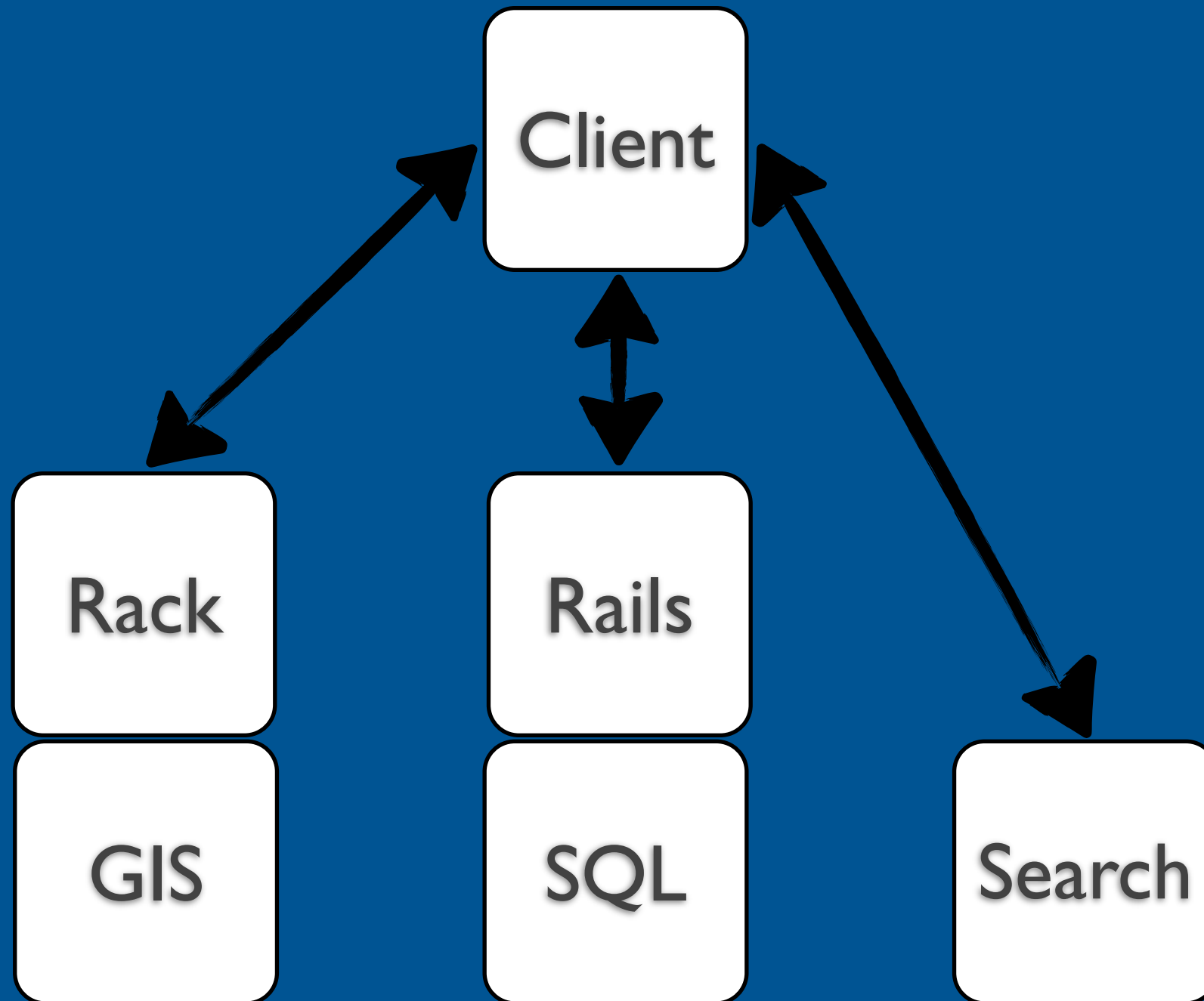
Rails

GIS

SQL

Search

RABL



# RABL

## Links

<https://github.com/newmana/rabl-talk>

[http://engineering.gomiso.com/2011/05/16/if-youre-using-to\\_json-youre-doing-it-wrong/](http://engineering.gomiso.com/2011/05/16/if-youre-using-to_json-youre-doing-it-wrong/)

<http://engineering.gomiso.com/2011/06/27/building-a-platform-api-on-rails/>

<http://railscasts.com/episodes/322-rabl>