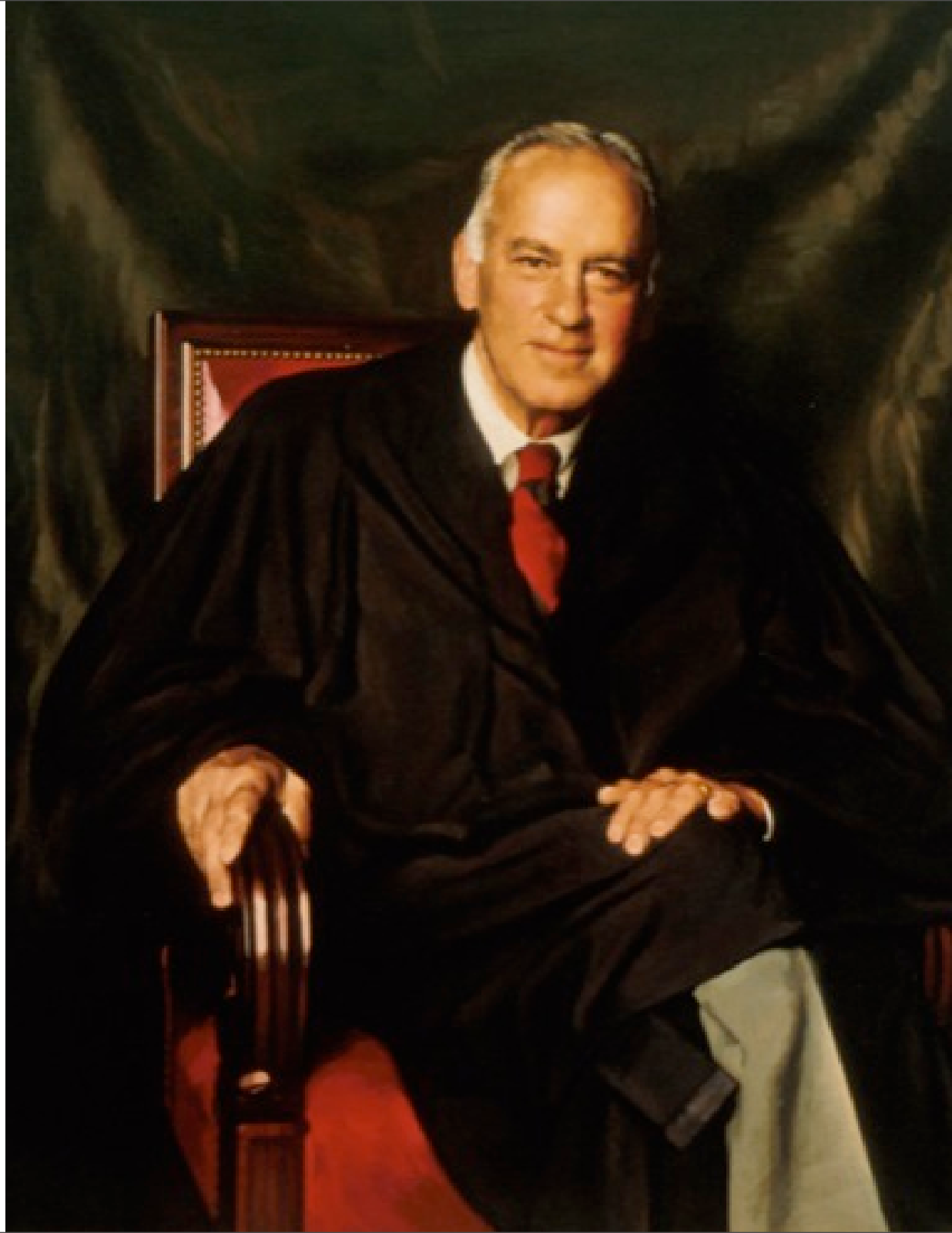


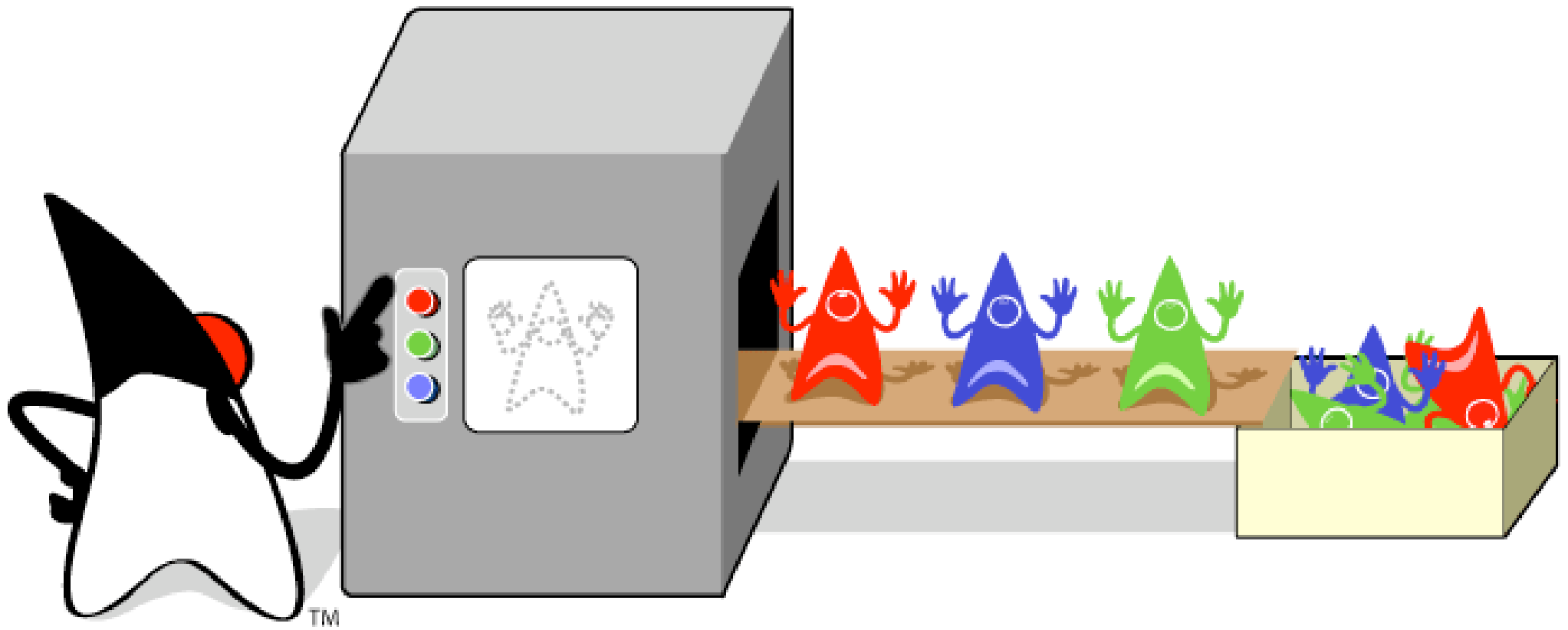
Ending Legacy Code in Our Lifetime

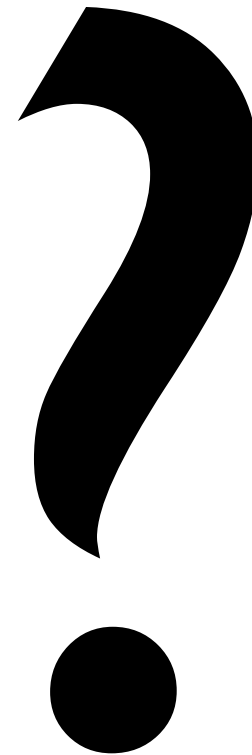
Stuart Halloway
CEO
Relevance, Inc.

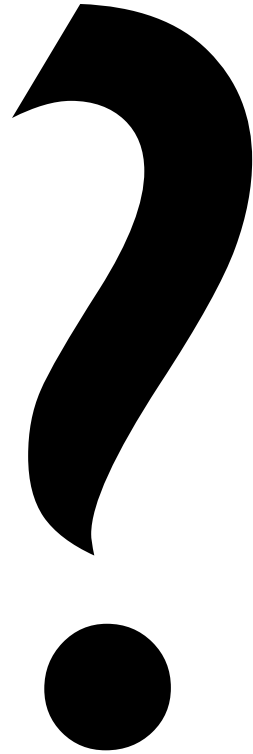


Legacy: degree to which code...

- **fails to capture intent**
- **fails to communicate intent**
- **captures irrelevant detail (ceremony)**







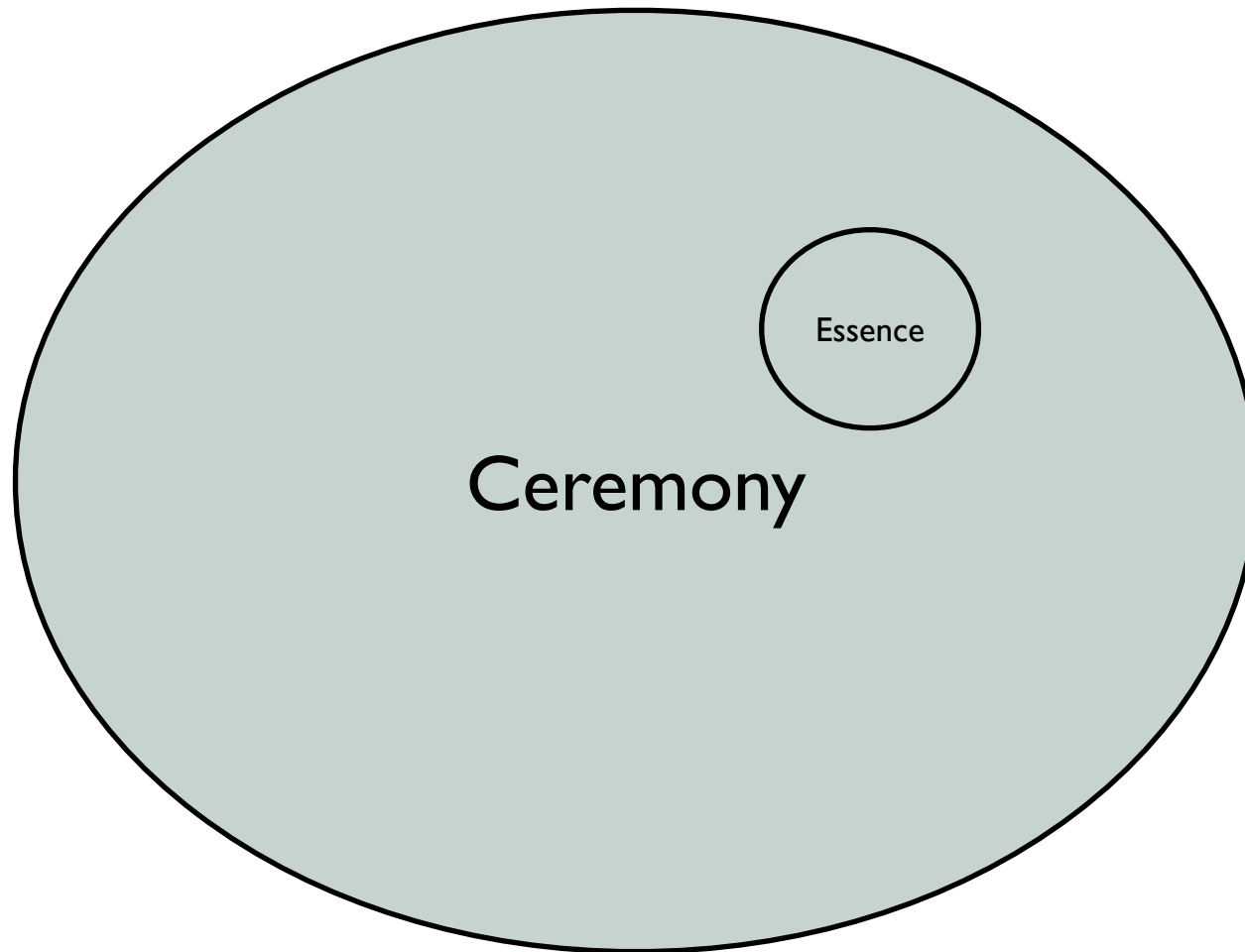


Our Goal

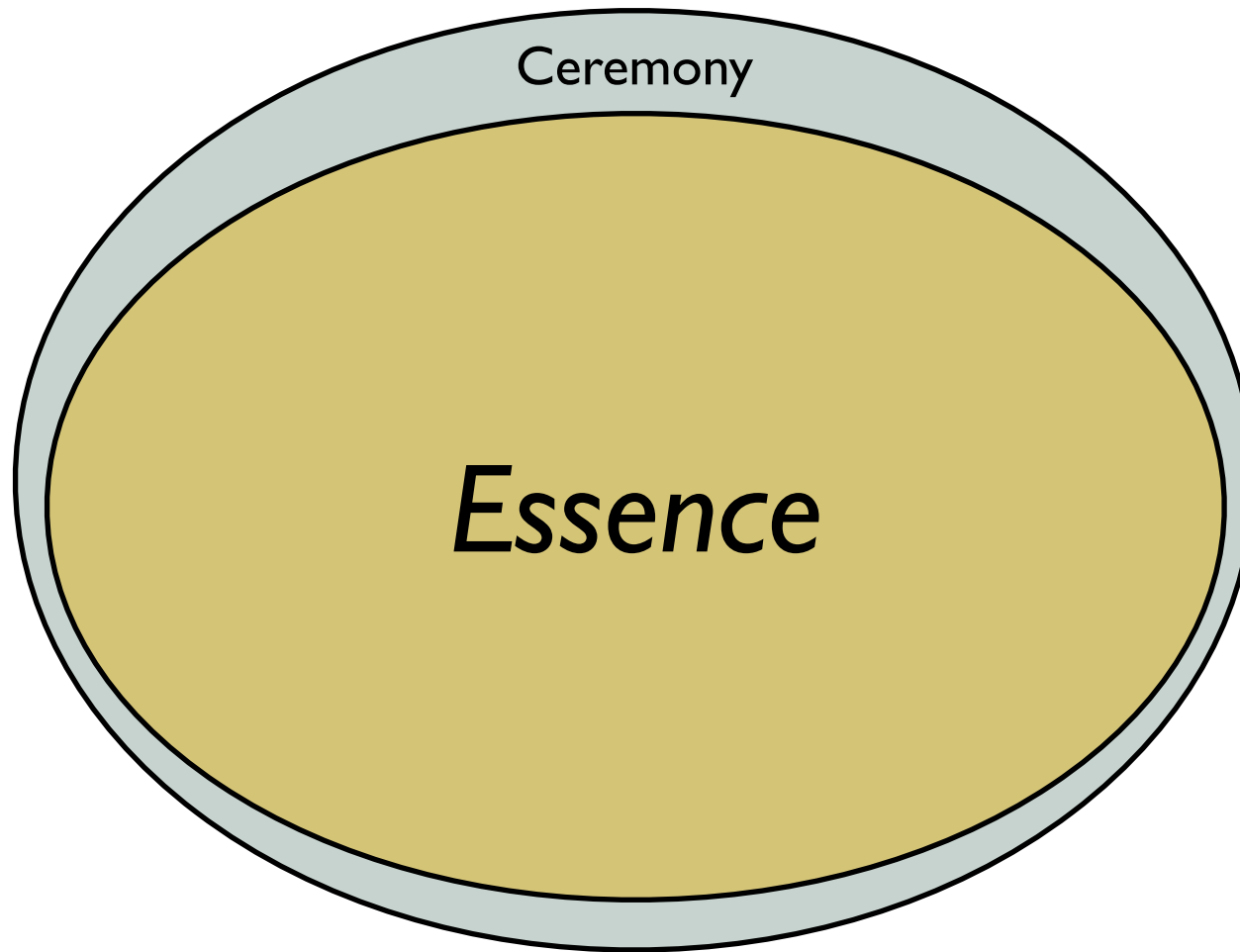
A More Modest Goal

How?

Code Today (Death Star)



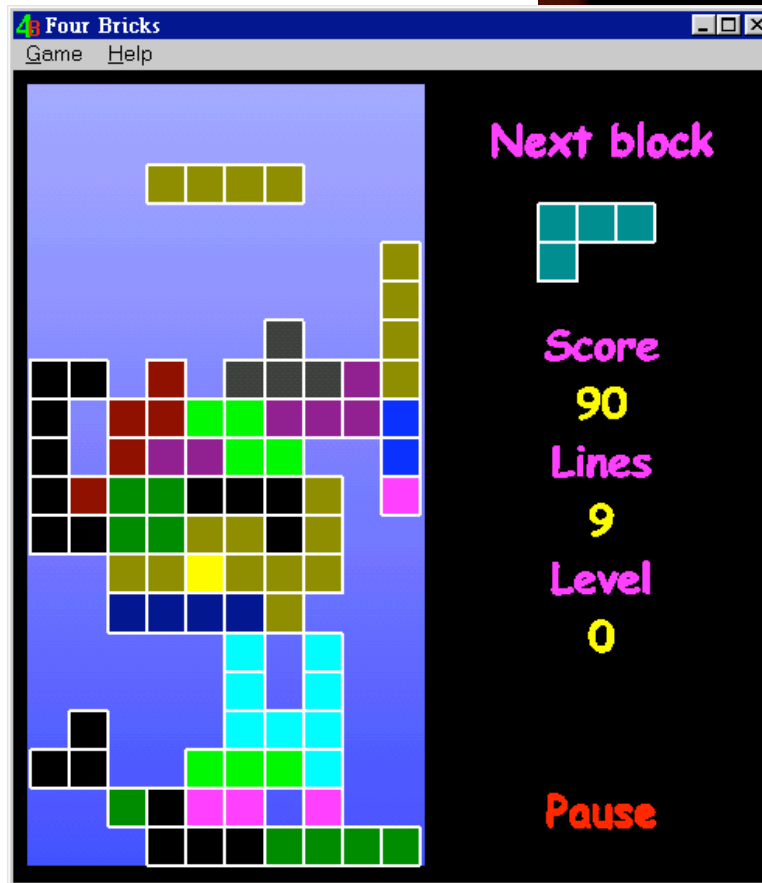
The Future (Golden Egg)

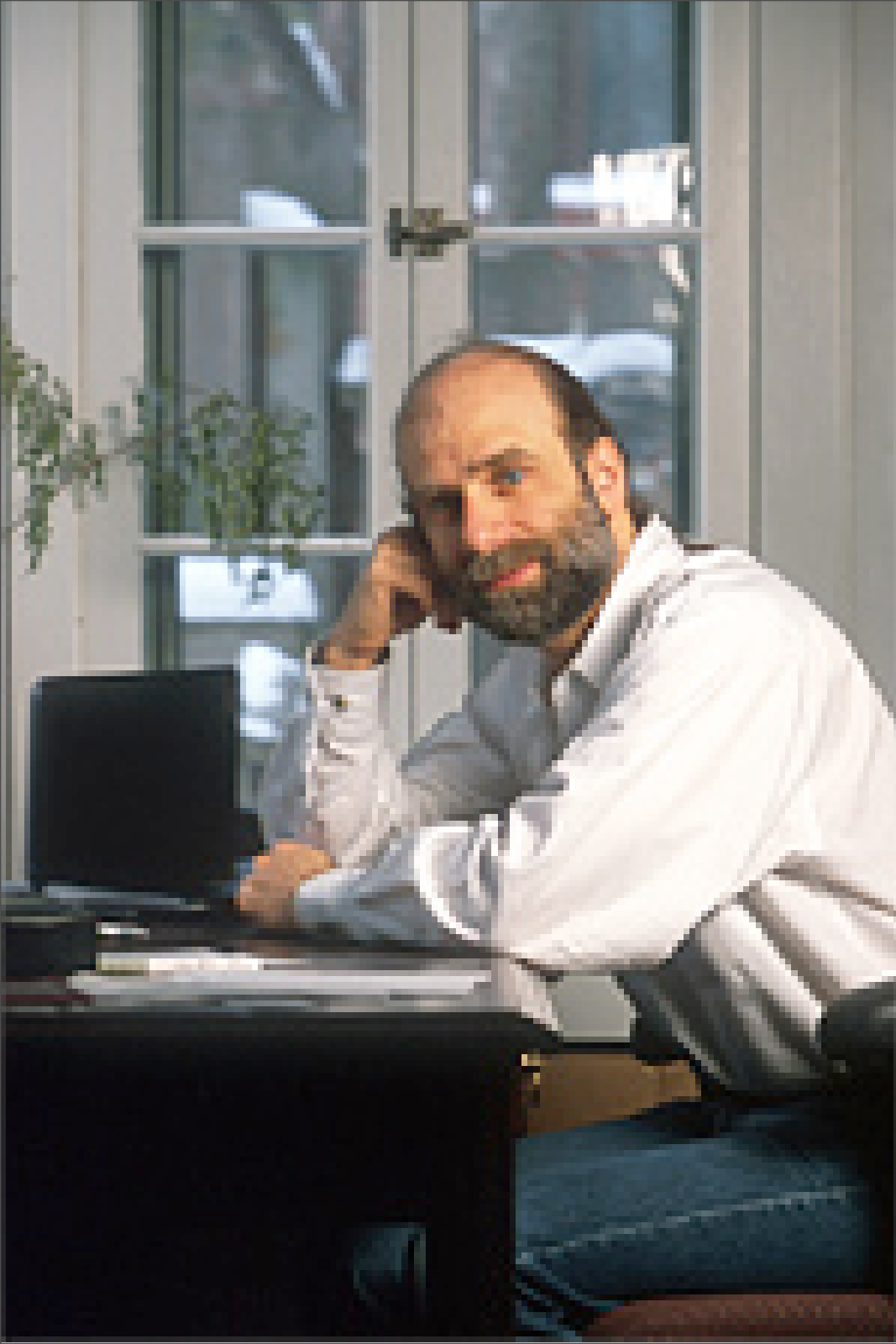


The Glue That Doesn't Set



Ceremony is Code's Worst Enemy





Ceremony is Theater

<http://www.schneier.com/blog/>

```
Document d = new Document();
```

```
Document d = DocumentBuilderFactory().  
    newDocumentBuilder().  
    new Document();
```

```
@Autowired  
public void setDocument(Document document) {  
    this.document = document;  
}
```


@params

@session

@flash

@request

@cookies

@headers

@response

<http://www.rubyonrails.org/deprecation>


```

def list
  self.crud_context = :list
  @options = {}
  unless exporting_a_full_download
    @options.smart_merge!(pagination_options)
  end
  @options.smart_merge!(order_options)
  @options.smart_merge!(filter_options)
  merge_count_or_find_options(@options)

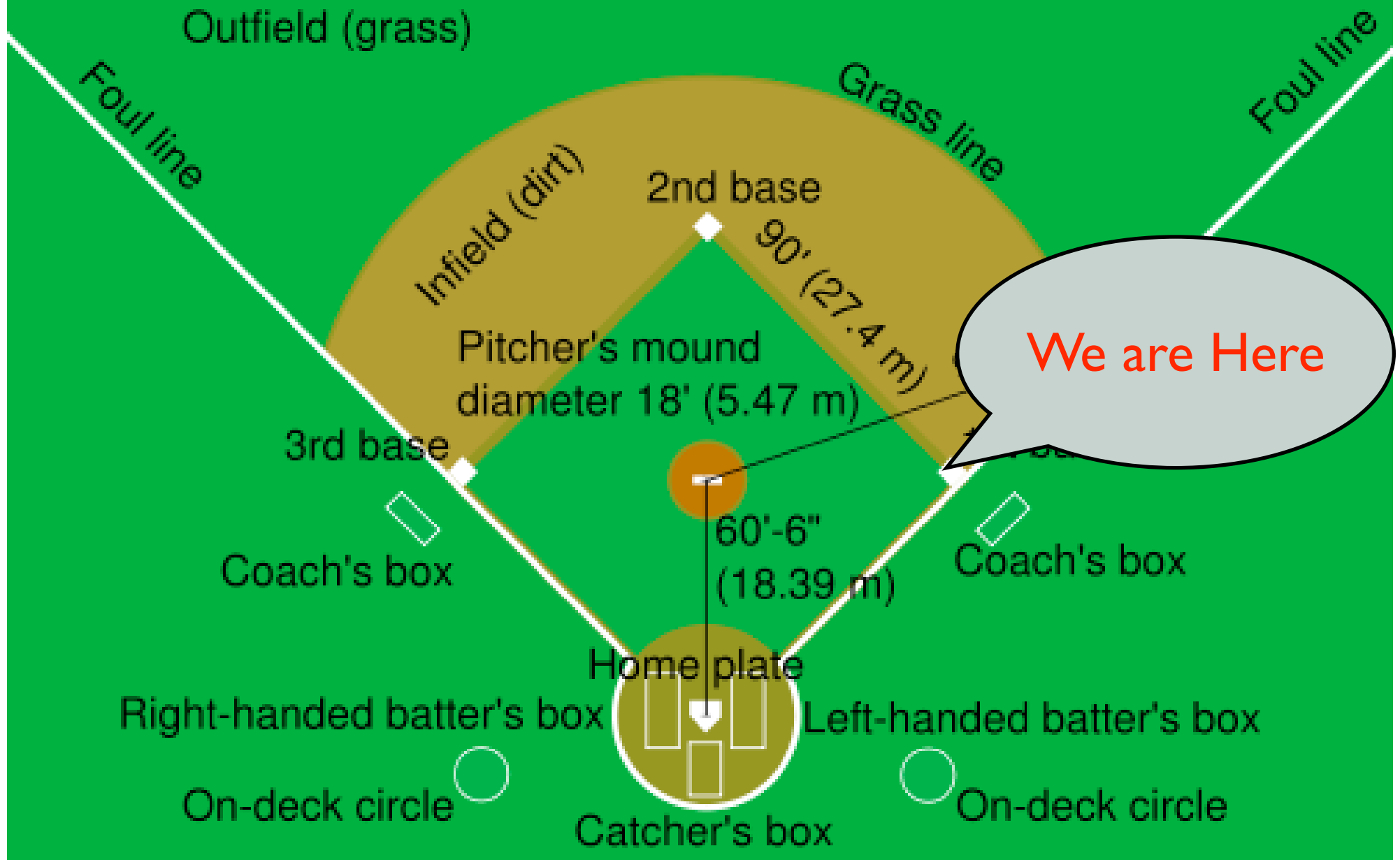
  if pagination && !exporting_a_full_download
    if @options[:non_ar_column]
      col = @options[:non_ar_column]
      dir = @options[:dir]
      @options.delete :non_ar_column
      @options.delete :dir
      model_pages, models = paginate model_name.downcase.pluralize, @options
      if model_ui.has_sortable_column?(col)
        model_ui.sort_models(models, col)
      else
        logger.warn("Possible intrusion attempt: Invalid sort column #{col}")
      end
      models.reverse! if dir == 'DESC'
    else
      model_pages, models = paginate model_name.downcase.pluralize, @options
    end
  else
    model_pages = []
    models = model.find(:all, @options)
  end
end

```

Good Practices

- **Rails**
- **Ruby**
- **Continuous Integration**
- **Real Unit Tests**
- **100% Code Coverage**
- **Flog and saikuro**
- **Relentless Review and Audit**

Distance from home plate to fence can vary.
MLB parks vary between 302' to 355' on the foul line
and 390' to 435' at center field.



Blub Paradox

<http://www.paulgraham.com/avg.html>



Domain Layer
DSLs

Dynamic Layer
Ruby, Groovy

Stable Layer
Java (Scala?)

<http://ola-bini.blogspot.com/2008/01/language-explorations.html>



Questions?

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