Setting up the PORTULAN CLARIN Repository

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one database

several distribution platforms

Starting Points

● META-SHARE software as starting point

● Used in
  ○ CLARIN:EL
  ○ FIN-CLARIN
  ○ CLARIN-Estonia
  ○ PORTULAN/CLARIN

● Including extensions by CLARIN-Estonia:
  ○ OAI-PMH
  ○ SAML Authentication

● Advantages
  ○ Python — we all love Python don’t we?
  ○ Django — tried and true framework
  ○ Design — not by one, but many specialists
  ○ Maturity — github repo since 2012 (19K SLOC then)

● Search
  ○ SOLR (Java)
  ○ Haystack — faceted search / filtering / browsing

Developments

● Strictly followed CLARIN style guidelines
  ○ color scheme
  ○ font family and size
  ○ navigation and content positioning
  ○ responsive design
  ○ modification of view templates

● Coding
  ○ code reorganization and (some) cleanup
  ○ updated dependencies
  ○ installation automation
  ○ configuration system overhaul
  ○ management scripts

● Distribution
  ○ open source
  ○ https://github.com/portulanclarin/repository/

● Ready to be reused