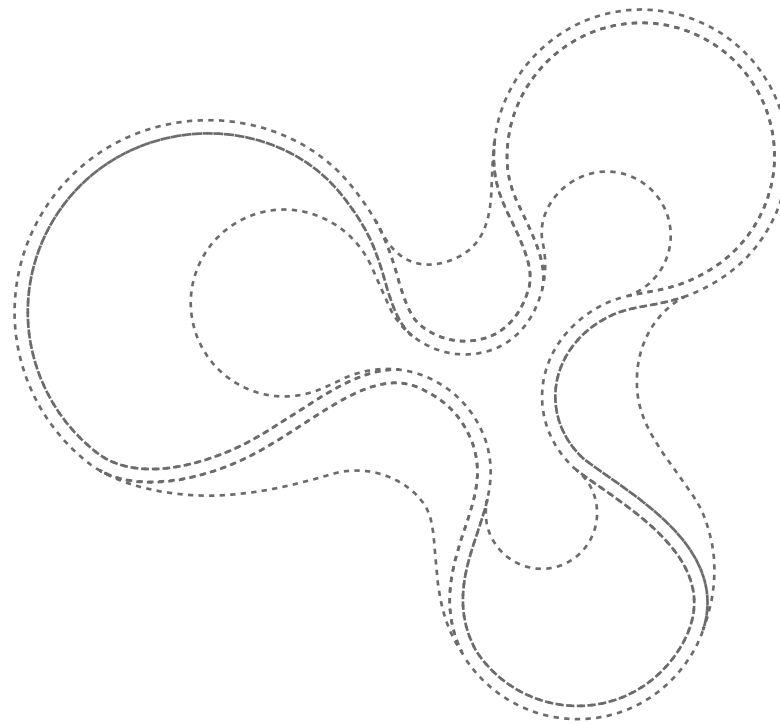# Technical Setup
&
Core Features

DigiRAMP

DigiRAMP is composed using state of the art tools for web applications
The goal is to make the application as fast as possible.
Write as little code as possible by and integrate with as many third party providers as possible

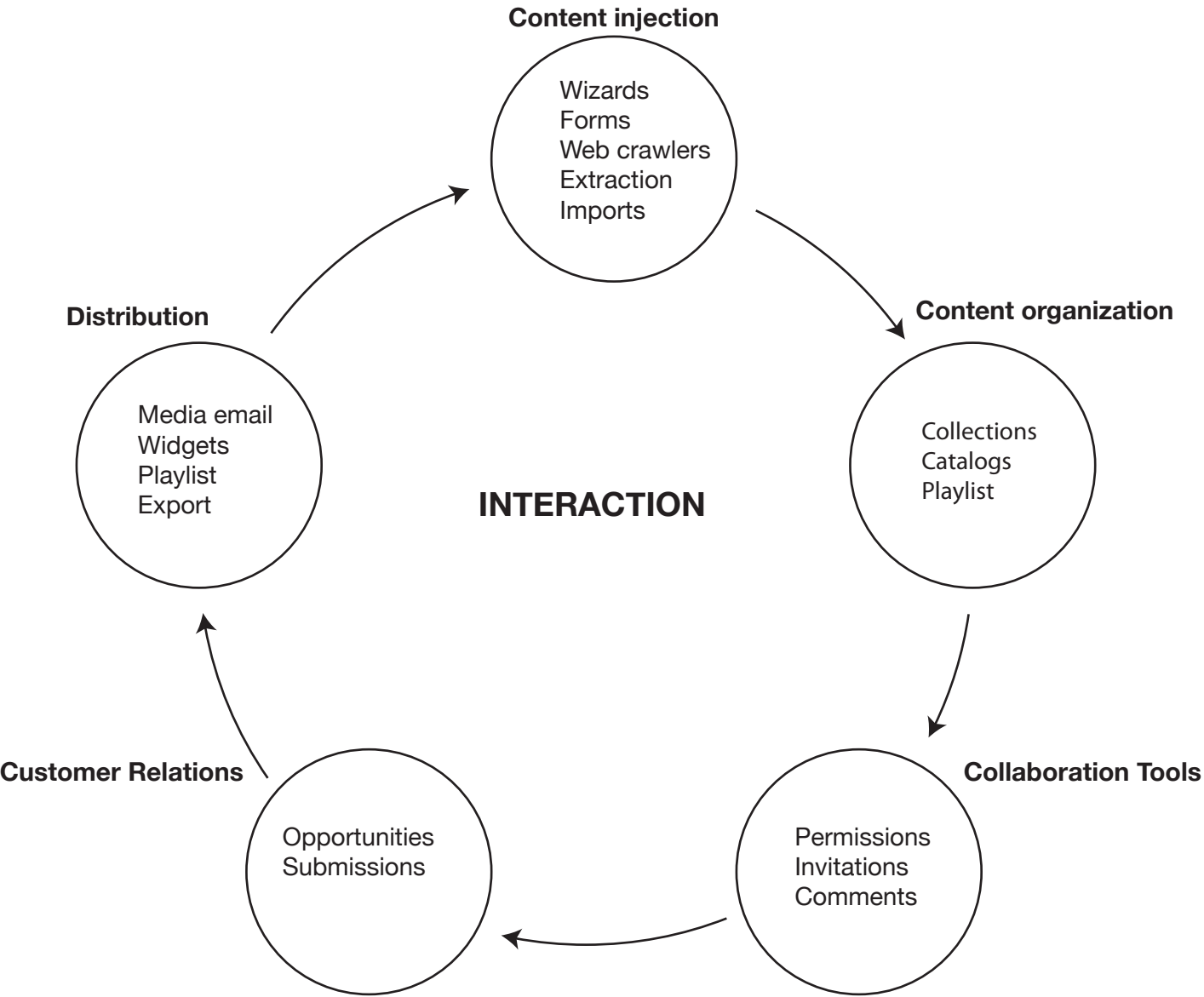|	
Language	Ruby
Framework	Ruby on Rails
HTML markup	Slim
Java script Framework	JQuery
Load balancer	Nginx
Web server	Unicorn
Injection of page content	Turbo links
CSS frame work	Bootstrap provided by Twitter
CSS Compiler	SCSS
File conversion	ffmpeg provided by Transloadit
Meta data extraction	provided by Transloadit
Storage	s3 provided by Amazon
Primary Database	Postgresql
memcached	Memory based key value storage for performance optimization
Redis	persistent key value storage for handling of background tasks
Push notification	provided by Pusher
Server OS	Ubunto
Backup	s3 provided by Amazon
Audio engine	Soundmanager2
Video player	Sublime Video
Content Delivery Network	CloudFlare
Security	CloudFlare
Hosting	Hetzner
Email Delivery	Send Grid
Provisioning	Shef

DigiRAMP

The Interface

The philosophy behind is to focus on what you are doing instead of what we can do.
This gives a wizard alike navigation with many screens from where you step true your work process

The interface is adaptive and works on mobile and tablets, all screens has a minimum of informations
and loads within milliseconds by injecting the content using javascripts instead of reloading the entire page

Automation

We automate all trivial processes and perform them in the background 100% transparent

DigiRAMP

Content injection

Wizards
Forms
Web crawlers
Extraction
Imports

Distribution

Media email
Widgets
Playlist
Export

INTERACTION

Content organization

Collections
Catalogs
Playlist

Customer Relations

Opportunities
Submissions

Collaboration Tools

Permissions
Invitations
Comments

Core Feature
Aggregates content from as many sources
as possible and relate that information
in a use full way

Injection
Automate the process of getting informations
in to the system.

Organization
Organize content in a manner that supports
collaboration and real world scenarios

Collaboration
Give IPI's an opportunity to improve
and maintain content

Customer Relations
Direct support for making business using
the content

Distribution
Reach out presenting the converted, cleared
content using state of art delivery systems

DigiRAMP

User	DigiRAMP	Transloadit	Amazon

Upload →

Media Conversion →

File storage →

← Interpretation

← Notification

Organize →

Catalogs / Playlist

Build Permissions

Collaborate →

Permissions to file storage →

← Notification

Permissions to DB

Behind the scene
100% Transparent to the users a lot of processes are automated

Conversion of media files to appropriated formats for distribution.

Extraction of meta data.

Relations between
IPI's Common Works. PRO's Recordings. Legal Documents. Financial Documents. Media files.

Permissions for collaborators and content providers.

Notification and invitations