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Introduction

Welcome to the Lintol Documentation! You can use our documentation to reference the functionality that Lintol provides.

Lintol is a collection of components that work together to provide data validation and analytics services for open data. It was designed to work in conjunction with the CKAN platform.

Datasets that are uploaded to a CKAN instance can use the Lintol plugin to automatically run various validation processes on the data. This will improve the quality, speed and cost-effectiveness of data publishing. Lintol components are web-based and are configured and managed through websites within the Lintol framework.

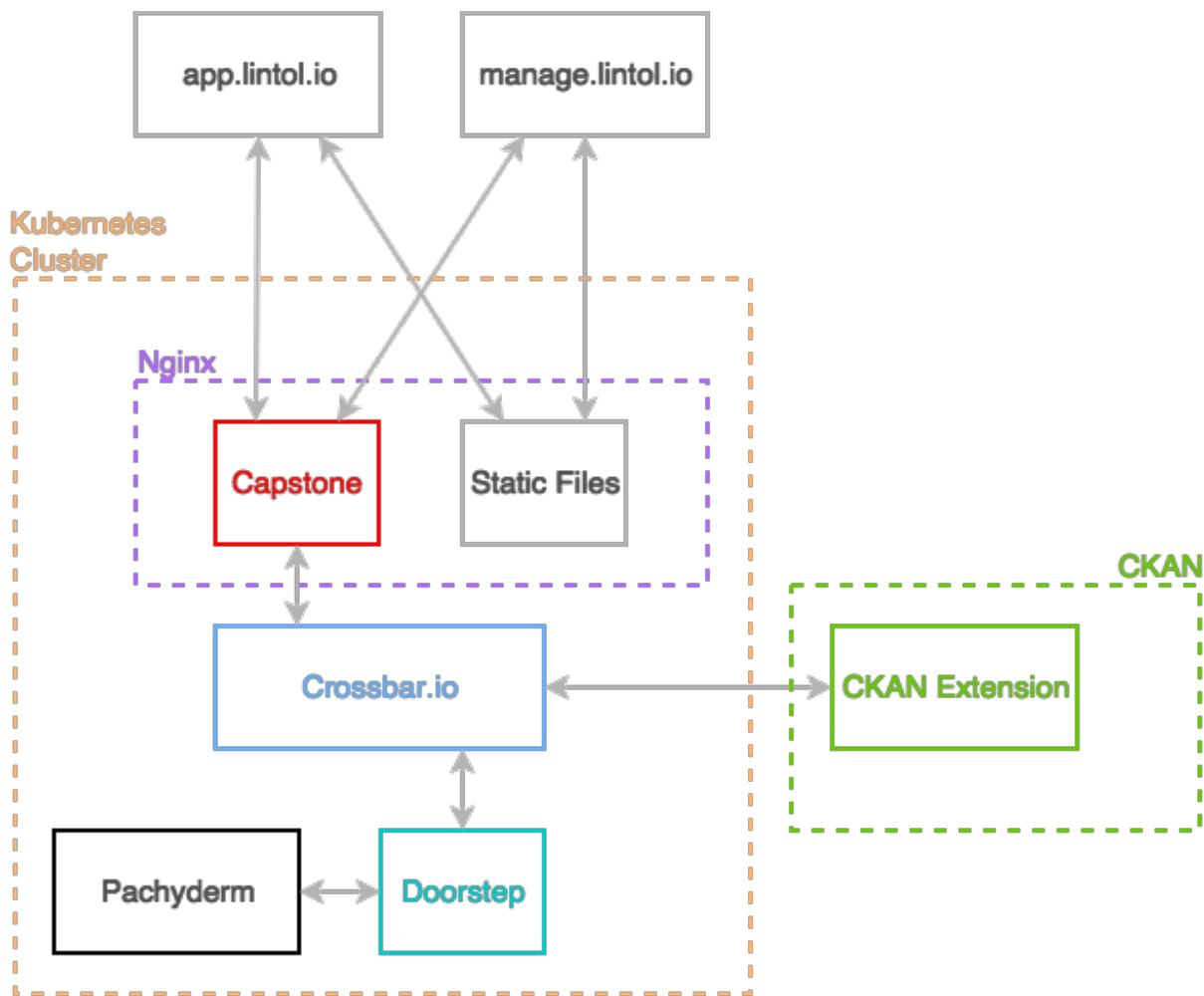
Overview

Components

Lintol has a series of components that have been created using various technologies and programming languages. Distributed components connect via a central component named 'Capstone'. Here is a list of the components, the general function they provide and the technology or programming language used to create them.

- app.lintol.io & manage.lintol.io - Front-end UI - Javascript, Vue
- Crossbar.io - Publish/Subscription and messaging queue
- Doorstep - Data processing job management - python
- CKAN - Open dataset hosting platform - python
- Capstone - Coordinator API - PHP, Laravel

COMPONENTS DIAGRAM



Infrastructure

The infrastructure for Lintol also has a number of different components. Each of these components are hosted within a linux server environment.

INFRASTRUCTURE DIAGRAM

i Infrastructure diagram needed here

Configuration and Administration

manage.lintol.io manage.lintol.io provides an interface to create and manage data validation profiles used by the CKAN extension. It is accessed via a web browser by entering the following url - <http://manage.lintol.io>.

app.lintol.io app.lintol.io provides an interface to extend the functionality of validation reporting in CKAN. It is accessed via a web browser by entering the following url - <http://app.lintol.io>.

Sample markdown

Subheader 1

SUBHEADER 2

Parameter	Default	Description
param	false	If set to true.

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warning

i

notice

code

* list * list

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