

# How to Install CKAN 2.11

CKAN is the world's leading open-source data portal platform, where you can download and get it running on your system in a virtual server; you can run it in the cloud or on any Linux based hosting infrastructure you like.



مع





1. Install from AWS Marketplace

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2. Install CKAN from source

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3. Install from Package

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4. Install from Docker image

Read guide  $\rightarrow$ 



# 1 Install from aws marketplace

- Click <u>here</u> to visit the AWS Marketplace and install Link Digital's CKAN
   AMI for no cost (instance costs excepted) and no commitment.
- <u>CKAN 2.11</u> ↓

 Using this CKAN AMI will provide you with a working CKAN 2.11 installation on a single instance, running some common and useful extensions like <u>XLoader</u>, <u>Resource Proxy</u>, <u>Geo View</u> and <u>Harvester</u>.

- XLoader ↓ Resource Proxy ↓

- You can begin using CKAN immediately as all configuration and software installation is pre-prepared by Link Digital.
- We have a number of knowledgebase articles to assist you in getting started and using the CKAN AMI <u>here</u>, including how you can <u>update</u> <u>the CKAN installation to use your own custom domain</u>.

Maintaining guide

CKAN upgrade

# 2

### **Install CKAN from source**

This section describes how to install CKAN from source. Although Installing CKAN from the package is more straightforward, it requires Ubuntu 18.04 64-bit or Ubuntu 16.04 64-bit. Installing CKAN from source works with other versions of Ubuntu and with other operating systems (e.g. RedHat, Fedora, CentOS, OS X).

We have recorded a walkthrough video on how to install from source here:



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Communic. 3 N

The following packages were automatically installed and are no longer required:

Ublocamon-sense-perl libice-dev libjson-perl libjson-as-perl libitus! libphrhead-stubs8-dev libsn-dev libitus!

Ublocamon-sense-perl libice-dev libitadev popnish-8-jsk-headless sysstat xiiproto-dev xorg-sgal-doctools xtrans-dev

Us 'suda apt autoremove' to remove them.

Suggested packages:
postoresi-doc-14

The following NDN packer python-pis python-avenv redis-server

Buggrader, 5 movel, braitable, 8 to remove and 241 not upgraded.

Hed to get 8 87,1255 M of archives.

After this sportation, 7937 M of additional disk space will be used.

Do you want to continue? (Y/n) Y

Selecting previously unselected package redis-server.

(Reading database ... 288373 files and directories currently installed.)

Preparing to unpack ... (Path-servery Abdi-6.10-lubuntu_smdd-1.0b)

Selecting previously unselected package distribution of the package part of the package part of the package of the package part of the package of the package package of the package package package.

Preparing to unpack ... (Python3-bed).

Selecting previously unselected package python-beneve,

Preparing to unpack ... (Python3-bed).

Selecting previously unselected package python-beneve,

Preparing to unpack ... (Python3-bed).

Selecting previously unselected package python-beneve,

Preparing to unpack ... (Python3-bed).

Selecting previously unselected package python-beneve,

Preparing to unpack ... (Python3-beneve).

Selecting up python3-dev (3.18.6-1-22.64) ...

Setting up python3-dev (3.18.6-1-22.64) ...

Settin
```

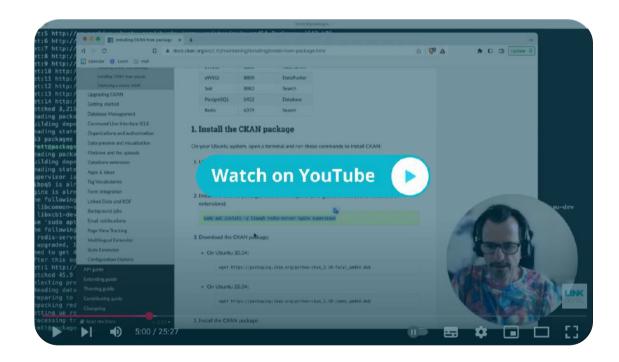
## 3

### **Install from Package**

Installing from the package is the most most straightforward way to install CKAN, Ubuntu 18.04 (Python 2) or 20.04 (Python 3 or Python 2) 64-bit. If you're not using any of the prerequisites, you will need to install CKAN from source instead.

We have recorded a walkthrough video on how to install from package here:



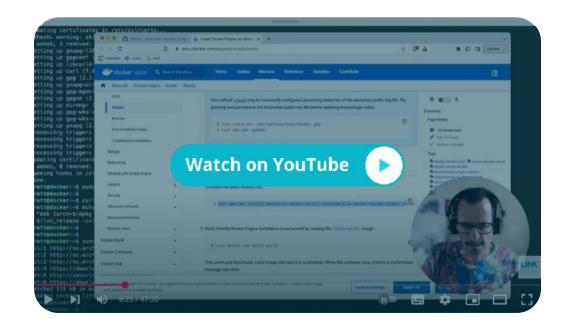




# Install from Docker image

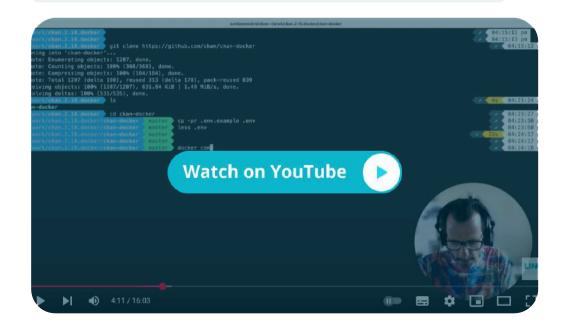
This section contains step-by-step video instructions on how to get started with Docker.

#### **CKAN 2.11 Install with Docker for Ubuntu**



CKAN can also be installed as Docker containers using Docker Compose. This method provides a clean and quick way to deploy a local CKAN without extensions, while still allowing the addition (and customization) of extensions.

#### **CKAN 2.11 Install with Docker for MAC**



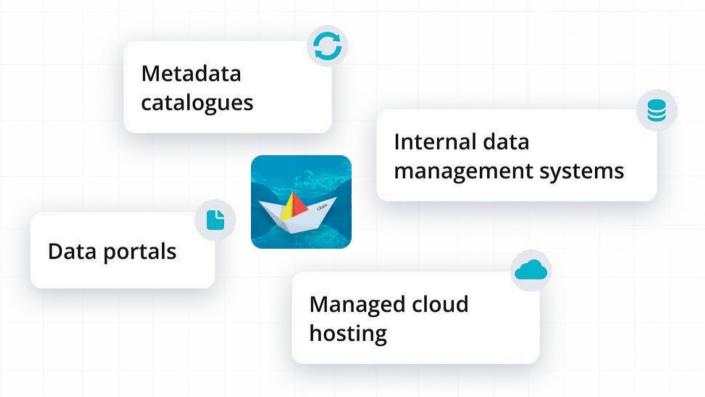
## **Facts about CKAN and Link Digital**

- CKAN was launched in 2006
- CKAN can be developed to function as an open data platform or internal data repository once it is deployed and hosted on a web server.

Link Digital is one of the largest contributing developers to the CKAN community.

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Link Digital has extensive experience in using CKAN in the development of:



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Information in this document may not be up to date; check for our latest presentations and walkthroughs on our <u>YouTube channel</u> and stay up to date with <u>Link Digital News</u>. If you would like to learn more about CKAN visit <u>ckan.org</u> <u>or get in touch with us here at Link Digital</u>.



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