



coralproject.net/developers/



Coral has changed! [Go here to learn more.](#)

Sign up for our newsletter



Product tour

Developers

Contact

Get started

For developers

Our products have been downloaded, cloned, and starred thousands of times by people just like you

How to Contribute to Coral

There are many ways you can contribute to our open-source code.



Type here to search



9:32 AM
1/30/2020

Coral has changed! [Go here to learn more.](#)

📧 Sign up for our newsletter



Product tour

Developers

Contact

Get started

Please read our code of conduct before contributing [View now](#)



Features

Suggest or add features to [our core code.](#)



Bugs

Alert us to bugs, or submit a fix to [our repo.](#)



Documentation

Is something missing or unclear? Add it to [our documentation.](#)




Translations

We are always excited to receive new languages. Just [submit a PR](#) with the translations.

Coral has changed! [Go here to learn more.](#)

✉ Sign up for our newsletter





Search documentation... [GitHub](#) [Docker](#)

Installing Version 5

[Suggest Edits](#)

Online comments are broken. Our open-source commenting platform, Coral, rethinks how moderation, comment display, and conversation function, creating the opportunity for safer, smarter discussions around your work. [Read more about Coral here.](#)

Built with ❤️ by The Coral Project, a part of Vox Media.

Preview Coral easily by running Coral via a Heroku App:

[Deploy to Heroku](#)

Requirements

- MongoDB >=3.6
- Redis >=3.2
- NodeJS >=10
- NPM >=6.7

Getting Started with Coral

Our Docs will show you how to install, configure, and customize Coral. From a step-by-step guide to getting up and running locally with Docker, to tutorials on how to build plugins, to advanced configuration and scaling, you'll find everything you need here.

[Read the Coral docs](#)

Don't want the expense and difficulty of setting up and managing your own servers?

[Get a quote and let us do the work](#)

Coral has changed! [Go here to learn more.](#)

✉ Sign up for our newsletter



Product tour

Developers

Contact

Get started

Don't want the expense and difficulty of setting up and managing your own servers?

Get a quote and let us do the work

More about Coral

- About Coral
- Blog
- Research
- Guides
- Documentation

Important Links

- Ethics and Governance
- Privacy Policy
- Terms of Use
- Acceptable Use Policy

- ✉ support@coralproject.net
- 🐛 Log a bug
- ★ Request a feature





VERSION 5

GETTING STARTED

- Installing
- Configuration
- Admin Settings
- Developing
- CLI Tools

INTEGRATION

- CMS Integration
- Single Sign On
- Social and Email Authentication
- Custom CSS Styles
- Emails & Notifications
- GDPR
- Comment Count

Installing Version 5

Online comments are broken. Our open-source commenting platform, Coral, reimagines moderation, comment display, and conversation. Use Coral to add smarter, safer discussions to your site without giving away your data.

More than 100 newsrooms in 14 countries trust Coral to power their on-site communities, including The Washington Post, The Wall Street Journal, and Der Spiegel. [Read more about Coral here.](#)

We offer hosting and support packages for Coral, as well as exclusive, customer-only resources. Contact us for more information.

Built with ❤️ by Coral by Vox Media.

Try a test version of Coral by running it via a Heroku App:

[Deploy to Heroku](#)

Requirements

- MongoDB >=4.2
- Redis >=3.2
- NodeJS >=12
- NPM >=6.7

Running

You can install Coral using Docker or via Source. We recommend Docker, as it provides the easiest deployment solution going forward, as all the dependencies are baked and shipped with the provided [coralproject/talk:5](#) image.



VERSION 5

GETTING STARTED

Installing

Configuration

Admin Settings

Developing

CLI Tools

INTEGRATION

CMS Integration

Single Sign On

Social and Email Authentication

Custom CSS Styles

Emails & Notifications

GDPR

Comment Count

Running

You can install Coral using Docker or via Source. We recommend Docker, as it provides the easiest deployment solution going forward, as all the dependencies are baked and shipped with the provided `coralproject/talk:5` image.

Docker

The easiest way to get started with Coral is through our published Docker image and provided example `docker-compose.yml` file. The following assumes that you have Docker and Docker Compose installed on your local machine:

- Install Docker: <https://docs.docker.com/install/>
- Install Docker Compose: <https://docs.docker.com/compose/install/> (this is typically included in the Docker Desktop editions already)

```
# Create directories to persist the data in MongoDB and Redis.
mkdir -p data/{mongo,redis}

# Create the `docker-compose.yml` file to get started.
cat > docker-compose.yml <<EOF
version: "2"
services:
  talk:
    image: coralproject/talk:5
    restart: always
    ports:
      - "127.0.0.1:3000:5000"
    depends_on:
      - mongo
      - redis
    environment:
      - MONGODB_URI=mongodb://mongo:27017/coral
      - REDIS_URI=redis://redis:6379
      - SIGNING_SECRET=<replace me with something secret>
mongo:
```

Copy



VERSION 5

GETTING STARTED

Installing

Configuration

Admin Settings

Developing

CLI Tools

INTEGRATION

CMS Integration

Single Sign On

Social and Email
Authentication

Custom CSS Styles

Emails & Notifications

GDPR

Comment Count

```
npm install  
  
# Build the application dependencies.  
# This might take a while.  
npm run build
```

This should output all the compiled application code to `./dist`.

Running Coral with default settings assumes that you have:

- MongoDB >=4.2 running on `127.0.0.1:27017`
- Redis >=3.2 running on `127.0.0.1:6379`

If you don't already have these databases running, you can execute the following assuming you have Docker installed on your local machine:

```
docker run -d -p 27017:27017 --restart always --name mongo mongo:4.2  
docker run -d -p 6379:6379 --restart always --name redis redis:3.2
```

Copy

Then start Coral with:

```
# Start the server in development mode.  
npm run start:development
```

Copy

Then head on over to <http://localhost:3000> to install Coral!

Note that if you want to run Coral in production from source, you'll need to create a secret for signing that differs from the unsafe default. You can do this by using something like `openssl rand -base64 32`. You can then place this secret in a `.env` file in your `talk` directory as such:

```
SIGNING_SECRET=<replace me with something secret>
```

Copy

You can then run Coral with the production command instead:

```
# Start the server in production mode.  
npm run start
```

Copy