

# Dart



# Dart

Dart is a client-optimized, garbage-collected, OOP language for creating fast apps that run on any platform. If you are familiar with an object oriented programming language such as Java or C# you might find many similarities with Dart. In this roadmap, you will learn about Dart in two parts: Basics & Advanced.

## Dart Basics

### Studying Material (in Arabic):

Videos from 01 to 37 from the following playlist.

- <https://www.youtube.com/watch?v=ZYXol94Lyi0&list=PL3aG1K3LWCrdihgr1PnIrbphTyt3PZwoK>

After finishing these videos and before tackling the task problems, watch these videos about null safety, which was introduced to dart starting from version 2.12.

- <https://www.youtube.com/watch?v=nTmCj1lpeng>

### Tasks:

- [https://docs.google.com/document/d/1QgQZ8jcXgg\\_ecEBXtojVsSLux787Hdp\\_wGUJvO09XTs/edit?usp=sharing](https://docs.google.com/document/d/1QgQZ8jcXgg_ecEBXtojVsSLux787Hdp_wGUJvO09XTs/edit?usp=sharing)

# Dart Advanced

## Studying Material (in Arabic):

Videos from 38 to the end of the following playlist.

- <https://www.youtube.com/watch?v=ZYXol94LyI0&list=PL3aG1K3LWCrdihgr1PnIrbphTyt3PZwoK>

## Tasks:

- [https://docs.google.com/document/d/1qhQR0cLeiu-mM\\_cXgLGt4l80\\_sVb67qhVA4WjYlzo9c/edit?usp=sharing](https://docs.google.com/document/d/1qhQR0cLeiu-mM_cXgLGt4l80_sVb67qhVA4WjYlzo9c/edit?usp=sharing)

## Additional Resources

- [https://youtube.com/playlist?list=PL93xoMrxRJIsYc9L0XBSaiiuq01JTMQ\\_o](https://youtube.com/playlist?list=PL93xoMrxRJIsYc9L0XBSaiiuq01JTMQ_o)
- <https://www.youtube.com/watch?v=HVYIPAw70MU&list=PLMDrOnfT8EAj6YjdkI9OCLSwqdBs4xhQz>
- Dart in Action Book:  
<https://www.pdfdrive.com/dart-in-action-e34421383.html>
- Flutter in Action Book:  
<https://drive.google.com/file/d/1ul0ZjGD1hsek0uG8c6B7feAm4vg8ykiG/view?usp=sharing>
- Flutter Complete Reference:  
<https://drive.google.com/file/d/1m-XhORU7UMyjXXXjveyNEVMonz0cHRG3/view?usp=sharing>

