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      [https://www.linkedin.com/in/artur-fijał-635aa913a/](https://www.linkedin.com/in/artur-fija%C5%82-635aa913a/)
8. Wprowadzenie do Fluttera
   1. Czym jest Flutter
   2. Jak działa Flutter
   3. Podstawy Darta  
      <https://dart.dev/guides/language/language-tour> w szczególności, ale ogólnie cała strona
   4. Setup środowiska  
      <https://www.macincloud.com/>  
      <https://docs.flutter.dev/get-started/install>  
      <https://developer.android.com/studio/debug/dev-options>
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      https://code.visualstudio.com/download  
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   6. Stworzenie i uruchomienie projektu
   7. Struktura projektu  
      <https://dart.dev/tools/pub/pubspec>
   8. Hot reload
   9. Pub.dev  
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9. Wszystko to widgety
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      https://docs.flutter.dev/development/ui/interactive
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   3. Cupertino, Material i Widget  
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   5. Text  
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   6. Center, Align i Placeholder  
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      <https://api.flutter.dev/flutter/widgets/Align-class.html>  
      https://api.flutter.dev/flutter/widgets/Placeholder-class.html
   7. Padding, SizedBox i Container  
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      <https://api.flutter.dev/flutter/widgets/SizedBox-class.html>  
      <https://api.flutter.dev/flutter/widgets/Container-class.html>  
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   8. GestureDetector  
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      <https://api.flutter.dev/flutter/material/Ink-class.html>  
      <https://api.flutter.dev/flutter/material/InkWell-class.html>  
      https://api.flutter.dev/flutter/material/Material-class.html
   9. Image  
      <https://docs.flutter.dev/development/ui/assets-and-images>  
      https://api.flutter.dev/flutter/widgets/Image-class.html
   10. Row, Column, Stack, Wrap oraz Expanded  
       <https://api.flutter.dev/flutter/widgets/Row-class.html>  
       <https://api.flutter.dev/flutter/widgets/Stack-class.html>  
       <https://api.flutter.dev/flutter/widgets/Expanded-class.html>  
       <https://api.flutter.dev/flutter/widgets/Column-class.html>  
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   12. Material i Cupertino
   13. Material Scaffold  
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   14. Cupertino Scaffold  
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       https://docs.flutter.dev/development/ui/layout/constraints
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    10. Shared preferences i serializacja do JSON  
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12. Zakończenie
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