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# **NGI Pipeline Documentation**

*Release 0.1*

**National Genomics Infrastructure Sweden**

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NGI pipeline is a software designed to take demultiplexed Illumina flowcells and shove'em through an analysis pipeline (e.g. Piper/GATK or bcbio-nextgen).

NPI Pipeline Documentation:



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## Pipeline Components

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### **Helper**

The helper is...

### **Trigger**

The trigger is...

### **Engine**

The engine is...



## CHAPTER 2

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### Pipeline Code Flow

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The entrance point for the NGI pipeline is . . .

Source Code Documentation:





## CHAPTER 3

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ngi\_pipeline

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### 3.1 ngi\_pipeline package

#### 3.1.1 Subpackages

ngi\_pipeline.conductor package

Submodules

ngi\_pipeline.conductor.classes module

ngi\_pipeline.conductor.flowcell module

ngi\_pipeline.conductor.launchers module

Module contents

ngi\_pipeline.database package

Submodules

ngi\_pipeline.database.classes module

ngi\_pipeline.database.communicate module

ngi\_pipeline.database.filesystem module

ngi\_pipeline.database.local\_process\_tracking module

ngi\_pipeline.database.test\_classes module

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ngi\_pipeline.database.test\_communicate module

ngi\_pipeline.database.test\_filesystem module

## CHAPTER 4

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### Indices and tables

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