

fastx-utils之转换fastq为fasta文件： convert

一、fastx-utils convert 介绍

功能描述：

`fastx-utils convert` 转换 `fastq` 为 `fasta` 文件：

命令行接口：

```
1 $ fastx-utils convert
2
3 Usage: fastx-utils convert <fasta/q>
```

二、使用场景实例及其用法

示例演示：

示例文件： `sequence.fastq`

```
1 $ cat sequence.fastq | head -n8
```

[illegible]

运行命令：

```
1 $ fastx-utils convert sequence.fastq | head -n6
```

```
1 >HISEQ:483:HLJ2LBCXY:1:1111:14104:10730
2 CCTATGGGATGCACCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGAGTGATGAAGG
  CCTTAGGGTTGTAAAGCTCTTTCGGCGGGGAAGATAATGACGGTACCCGCAGAAGAAGCCCCGGCTAACTTCGTGCC
  AGCAGCCGCGTAATACGAAGGGGGCTAGCGTTGTTTCGGAACCACTGGGCGTAAAGCGCGTGAGGCGGATTGTTAA
  GTCGGGGGTGAAATCCTGGGGCTCAACCTCAGAACTGCCTTCGATACTGGCGATCTTGAGTCCGGGAGAGGTGAGTG
  GTATTCCTAGTGTAGAGGTGAAATTCGTAGATATTAGGAAGAACACCAAGTGGCGAAGGCGGCTCACTGGCCCGGTAC
  TGACGCTGAAACGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCGTGTAGTCC
3 >HISEQ:483:HLJ2LBCXY:1:2112:7631:97645
4 CCTACGGGAGGCACCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGAGTGATGAAGG
  CCCTAGGGTTGTAAAGCTCTTTCACCGGTGAAGATAATGACGGTAACCGGAGAAGAAGCACCGGCTAACTTCGTGCC
  AGCAGCCGCGTAATACCAAGGGGGCTAGCGTTGTTTCGGAATTACTGGGCGTAAAGCGCGCAGTAGGCGGATATTTAA
  GTCAGGGGTGAAATCCCGGGGCTCAACCCCGAACTGCCTTTGATACTGGGTATCTAGAGTATGGTAGAGGTGAGTG
  GAATTCGAGTGTAGAGGTGAAATTCGTAGATATTCGGAGGAACACCAAGTGGCGAAGGCGGCTCACTGGACCATTAC
  TGACGCTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCATGTAGTCC
5 >HISEQ:483:HLJ2LBCXY:1:1204:10672:14348
6 CCTACGGGGGGCACCAGTAGGGAATACTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGAGTGATGAAGG
  CCCTAGGGTTGTAAAGCTCTTTCAGCGGGGAAGATAATGACGGTACCCGCAGAAGAAGCCCCGGCCAACCTTCGTGCC
  AGCAGCCGCGTAATACGAAGGGGGCTAGCGTTGTTTCGGAATTACTGGGCGTAAAGCGCGCGCAGGCGGACTGTTAA
  GTCAGGGGTGAAATCCCGAGGCTCAACCTCGGAATTGCCTTTGATACTGGCAGTCTCGAGTCCGGGAGAGGTGAGTG
  GAATTCGAGTGTAGAGGTGAAATTCGTAGATATTCGGAGGAACACCAAGTGGCGAAGGCGGCTCACTGGCCCGGTAC
  TGACGCTAAGGCGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTAGTAGTCC
```

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