

## Name

vcfparse

## Description

Parses a vcf file and extracts the specified regions.

## Dependencies

### Python Modules

- [PyVCF](#)

## Synopsis

```
vcfparse vcf_file -fields [...] [-h] [--pretty]
```

## Arguments

- `vcf_file`: the vcf file to parse
- `--fields`: the fields to extract from the vcf file.

## Options

- `--pretty`: prints a header

## Examples

```
vcfparse test.vcf --fields gq dp sdp ad
```

Will print out the value for the GQ, DP, SDP, and AD fields from test.vcf with output similar to this:

34 27 27 2

60 41 41 17

255 259 260 170

255 175 175 111

41 14 14 10

6 15 15 5

While

```
vcfparse test.vcf --fields gq dp sdp ad --pretty
```

will produce output similar to this

	Sample1	Sample2
	GQ DP SDP AD	GQ DP SDP AD
chr10:181479	34 27 27 2	60 41 41 17
chr10:649857		
chr10:649859		
chr10:1034412	255 259 260 170	255 175 175 111
chr10:1041487		41 14 14 10
chr10:1056169		6 15 15 5

## Thanks

Thank to the people who have contributed to PyVCF for allowing me to write less than one hundred lines of code:)