

# 1 JQ CheatSheet

## TOOLS

- PDF Link: [cheatsheet-jq-A4.pdf](#), Category: tools
- Blog URL: <https://cheatsheet.dennyzhang.com/cheatsheet-jq-A4>
- Related posts: [Vim CheatSheet](#), [#denny-cheatsheets](#)

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### 1.1 jq - parse json

Name	Command
jq remove double-quotes	Use the -r option to emit raw strings. <code>jq -r ...</code>
yq	yq is a lightweight and portable command-line YAML processor
Write output to a file after piped to jq	some pipe -> <code>jq . &gt; /tmp/test.txt</code>
Install yq	

```
curl $es_ip:9200/$index_name/_stats?pretty | jq '._all.primaryes'
```

```
curl $es_ip:9200/$index_name/_stats?pretty | jq '._all.primaryes | .docs, .merges, .segments'
```

```
curl $es_ip:9200/$index_name/_stats?pretty | jq '._all.primaryes | .docs'
```

```
curl $es_ip:9200/$index_name/_stats?pretty | jq '._all.primaryes | .docs'
```

```
curl $es_ip:9200/$index_name/_stats?pretty | jq '._all.primaryes | .docs'
```

```
curl $es_ip:9200/$index_name/_stats?pretty | jq '._all.primaryes | .docs'
```

```
curl $es_ip:9200/$index_name/_stats?pretty | jq '._all.primaryes | .docs'
```

### 1.2 jq with watch

```
watch -n 0.5 "kubectl get configmaps map1 -o json | jq '.data[\"file1.conf\"]'"
```

```
watch "curl $es_ip:9200/$index_name/_stats?pretty | jq '._all.primaryes | .docs, .merges, .segments'"
```

### 1.3 k8s jq

```
# List pods and containers
kubectl get pods -o='custom-columns=PODS:.metadata.name,CONTAINERS:.spec.containers[*].name'
```

```
# List pods, containers and images
kubectl get pods -o='custom-columns=PODS:.metadata.name,CONTAINERS:.spec.containers[*].name,Images:.spec.containers[*].image'
```

### 1.4 yq - parse yaml

Name	Command
yq	yq is a lightweight and portable command-line YAML processor
Install yq	
yq parse fields	<code>yq r testbed.yaml my_ip</code>

### 1.5 parse yaml with pipelines

```
cat test.yaml | yq - r my_ip
```

### 1.6 More Resources

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