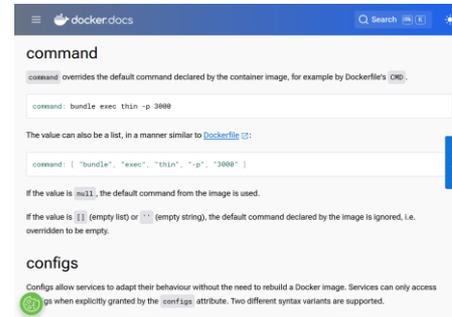


# compose.yaml の仕様に関する細かい話

@ Raccoon Tech Connect #4 | 3分で語りつくせ！LTラッシュ！

1

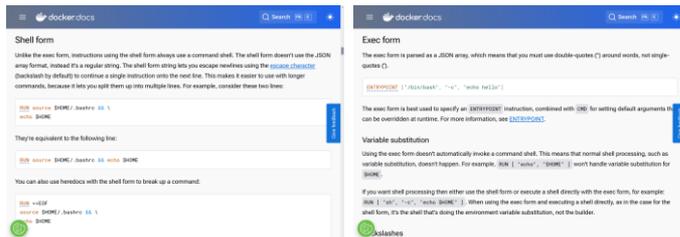
## compose.yaml の command



2

<https://docs.docker.com/compose/compose-file/05-services/#command>

## Shell and exec form



3

<https://docs.docker.com/reference/dockerfile/#shell-and-exec-form>

## List style

compose.yaml	entrypoint.sh	output
<pre>services: bar:   image: alpine   entrypoint: /entrypoint.sh   command:     - --opt1     - foo     - --opt2     - bar     - --opt3     - baz qux   volumes:     - ./entrypoint.sh:/entrypoint.sh</pre>	<pre>#!/bin/sh echo "\$0" echo "\$1" echo "\$2" echo "\$3" echo "\$4" echo "\$5" echo "\$6" echo "\$7" echo "\$8" echo "\$9"</pre>	<pre>foo-bar-1   /entrypoint.sh foo-bar-1   --opt1 foo-bar-1   foo foo-bar-1   --opt2 foo-bar-1   bar foo-bar-1   --opt3 foo-bar-1   baz qux foo-bar-1   foo-bar-1   foo-bar-1   foo-bar-1   foo-bar-1   foo-bar-1   foo-bar-1   foo-bar-1   foo-bar-1   foo-bar-1 exited with code 0</pre>

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## String style

compose.yaml	entrypoint.sh	output
<pre>services:   bar:     image: alpine     entrypoint: /entrypoint.sh     command: --opt1 foo --opt2 bar --opt3 "baz qux"     volumes:       - ./entrypoint.sh:/entrypoint.sh</pre>	<pre>#!/bin/sh echo "\$0" echo "\$1" echo "\$2" echo "\$3" echo "\$4" echo "\$5" echo "\$6" echo "\$7" echo "\$8" echo "\$9"</pre>	<pre>foo-bar-1   /entrypoint.sh foo-bar-1   --opt1 foo-bar-1   foo foo-bar-1   --opt2 foo-bar-1   bar foo-bar-1   --opt3 foo-bar-1   baz qux foo-bar-1   foo-bar-1   foo-bar-1   foo-bar-1   foo-bar-1   foo-bar-1 exited with code 0</pre>



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## String style (literal style)

compose.yaml	entrypoint.sh	output
<pre>services:   bar:     image: alpine     entrypoint: /entrypoint.sh     command:         --opt1 foo       --opt2 bar       --opt3 "baz qux"     volumes:       - ./entrypoint.sh:/entrypoint.sh</pre>	<pre>#!/bin/sh echo "\$0" echo "\$1" echo "\$2" echo "\$3" echo "\$4" echo "\$5" echo "\$6" echo "\$7" echo "\$8" echo "\$9"</pre>	<pre>foo-bar-1   /entrypoint.sh foo-bar-1   --opt1 foo-bar-1   foo foo-bar-1   --opt2 foo-bar-1   bar foo-bar-1   --opt3 foo-bar-1   baz qux foo-bar-1   foo-bar-1   foo-bar-1   foo-bar-1   foo-bar-1   foo-bar-1 exited with code 0</pre>



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## compose.yaml そのものの解析

- yaml そのものの仕様  
<https://yaml.org/spec/1.2.2/>

- compose.yaml の解析

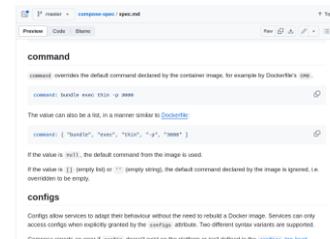
List style	String style	String style (literal style)
<code>["--opt1", "foo", "--opt2", "bar", "--opt3", "baz qux"]</code>	<code>"--opt1 foo --opt2 bar --opt3 ¥"baz qux¥"</code>	<code>"--opt1 foo¥n--opt2 bar¥n--opt3 ¥"baz qux¥"¥n"</code>

- String style (literal style) の場合は、文字列に改行が含まれている。その改行は、どのように扱われている？



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## 改行文字はどのように扱われている？



- compose-spec/compose-spec (commit c35d193) に定義の仕様は、Docker Compose のドキュメントと同じ

<https://github.com/compose-spec/compose-spec/blob/c35d193233fd7dbf9db30022498e29ef5ebeb2/spec.md#command>



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