

# kubectl 命令 完成 (bash)

命令行工具的自动完成功能。

安装 kubectl

k8s 官方网站

安装

```
type_completion
```

安装完成后，可以在命令行输入 kubectl，按 Tab 键进行自动完成。

显示结果：

```
type_completion  
-bash: type: _init_completion: not found
```

解决方法：

```
source /usr/share/bash-completion/bash_completion  
[root@main ~]# exec bash
```

如果还是显示 'Not Found'，可能是 bash-completion 没有安装。

RHEL 环境：

```
dnf install bash-completion
```

Ubuntu 环境：

```
apt install bash-completion
```

结束

```

type _init_completion
_init_completion is a function
_init_completion ()
{
    local exclude= flag outx errx inx OPTIND=1;
    while getopts "n:e:o:i:s" flag "$@"; do
        case $flag in
            n)
                exclude+=$OPTARG
                ;;
            e)
                errx=$OPTARG
                ;;
            o)
                outx=$OPTARG
                ;;
            i)
                inx=$OPTARG
                ;;
            s)
                split=false;
                exclude+===
                ;;
        esac;
    done;
    COMPREPLY=();
    local redir="@(?([0-9])<|?([0-9&])>?(>)|>&)";
    _get_comp_words_by_ref -n "$exclude<>&" cur prev words cword;
    _variables && return 1;
    if [[ $cur == $redir* || $prev == $redir ]]; then
        local xspec;
        case $cur in
            2'>*)
                xspec=$errx
                ;;
            *'>*)
                xspec=$outx
                ;;
            *'<*)
                xspec=$inx
                ;;
            *)
                case $prev in
                    2'>*)
                        xspec=$errx
                        ;;

```

```

        *'>*)
        xspec=$outx
        ;;
        *'<*)
        xspec=$inx
        ;;
    esac
    ;;
esac;
cur="${cur##$redir}";
_filedir $xspec;
return 1;
fi;
local i skip;
for ((i=1; i < ${#words[@]}; 1))
do
if [[ ${words[i]} == $redir* ]]; then
[[ ${words[i]} == $redir ]] && skip=2 || skip=1;
words=("${words[@]:0:i}" "${words[@]:i+skip}");
[[ $i -le $cword ]] && cword=$(( cword - skip ));
else
i=$(( ++i ));
fi;
done;
[[ $cword -eq 0 ]] && return 1;
prev=${words[cword-1]};
[[ -n ${split-} ]] && _split_longopt && split=true;
return 0
}

```

curl -X POST https://127.0.0.1:8443/api/v1/namespaces/default/pods/kubelet -H "Content-Type: application/json" -d @-

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```
echo 'source <(kubectl completion bash)' >>~/.bashrc
```

A row of three sets of empty square boxes for writing.

```
ubectl completion bash | sudo tee /etc/bash_completion.d/kubectl > /dev/null
[root@node1 ~]# exec bash
[root@node1 ~]# kubectl get ns
default      kube-node-lease  kube-public    kube-system
```

```
[root@node1 ~]# kubectl get ns
```

```
// 三三
```

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Revision #6

Created 27 June 2023 00:50:12 by 三

Updated 28 June 2023 13:25:27 by 三