

Makefile样例

Subtitle

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Makefile

```
IMAGENAME ?= $(shell pwd |awk -F '/' '{print $$NF}')
REGISTRY ?= registry.cn-beijing.aliyuncs.com/kubebase
TAG ?= latest
IMAGE = $(REGISTRY)/$(IMAGENAME)

# 以下3行用于自动更新dev环境上的部署
CMDBAPI ?= http://cmdb.scloud.cn/api/k8s.php
CLUSTER ?= dev
APP ?= $(shell pwd |awk -F '/' '{print $$NF}')

# 判断本地是否已经运行此容器，用于调试
exists ?= $(shell docker ps -a |grep $(APP) &>/dev/null && echo "yes" || echo "no")
PORT ?= 8080

PWD = $(shell pwd)

# k8s预定义的APP_CONFIG_PATH环境变量默认值为/run/secret/appconfig
APP_CONFIG_PATH ?= /run/secret/appconfig

all: build-docker push up config

build-docker:
    docker build -t $(IMAGE):$(TAG) .

push:
    docker push $(IMAGE):$(TAG)

# 通过定义// CONFIG-BY-ENV 格式的注释，抓取所有需要用环境变量设置的配置项
config:
    find ./ -name "*.php" |xargs grep "// CONFIG-BY-ENV" |awk -F ':' '{print $$3": "}' |tr -d ' ' >
    config.md

# 本地调试
debug: build-docker run

# 本地运行容器，需要先判断容器是否存在
run:
    ifeq ($(exists), yes)
        docker stop $(APP);docker rm $(APP)
    endif
    docker run --name $(APP) -d -p $(PORT):80 --env APP_CONFIG_PATH=$(APP_CONFIG_PATH) -v
    $(PWD)/somepath/config.json:$(APP_CONFIG_PATH)/CONFIG $(IMAGE):$(TAG)

# 上线到dev集群
up:
    sleep 1;echo;curl -s "$(CMDBAPI)?cluster=$(CLUSTER)&app=$(APP)";echo
```

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