

Golang

KubernetesKubernetes

```
require (
    git.woa.com/khaos/pkg v1.4.3-0.20220819031955-4ad837d439ef
    github.com/ClickHouse/clickhouse-go v1.4.8
    github.com/gogf/gf/contrib/drivers/mysql/v2 v2.1.0
    github.com/gogf/gf/v2 v2.1.4
    github.com/golang/mock v1.4.3
    github.com/grpc-ecosystem/go-grpc-middleware v1.3.0
    github.com/grpc-ecosystem/go-grpc-prometheus v1.2.0
    github.com/json-iterator/go v1.1.10
    github.com/modern-go/reflect2 v1.0.1
    github.com/olekukonko/tablewriter v0.0.5
    github.com/opencontainers/go-digest v1.0.0
    github.com/robfig/cron/v3 v3.0.1
    github.com/sirupsen/logrus v1.7.0
    github.com/smartystreets/assertions v1.0.1
    github.com/smartystreets/goconvey v1.6.4
    github.com/spf13/cobra v1.1.3
    github.com/tencentyun/cos-go-sdk-v5 v0.7.35
    github.com/tencentyun/tcecloud-sdk-go v3.0.8+incompatible
    go.opentelemetry.io/otel v1.7.0
    go.starlark.net v0.0.0-20210602144842-1cdb82c9e17a
    golang.org/x/tools v0.1.11-0.20220504162446-54c7ba520b92
    google.golang.org/grpc v1.33.1
    google.golang.org/protobuf v1.27.1
    gopkg.in/yaml.v2 v2.4.0
    k8s.io/api v0.19.8
    k8s.io/apimachinery v0.19.8
    k8s.io/client-go v11.0.0+incompatible
)

replace (
    google.golang.org/grpc => google.golang.org/grpc v1.29.1
    k8s.io/api => k8s.io/api v0.19.6
    k8s.io/apimachinery => k8s.io/apimachinery v0.19.6
    k8s.io/client-go => k8s.io/client-go v0.19.6
)
```

replacekubernetes apireplaceworkaround

ArgoWorkflow

githubArgoWorkflowSDKSDK

```

require (
    git.woa.com/khaos/pkg v1.4.3-0.20220819031955-4ad837d439ef
    github.com/ClickHouse/clickhouse-go v1.4.8
    github.com/HdrHistogram/hdrhistogram-go v1.1.2
    github.com/argoproj/argo-workflows/v3 v3.1.5
    github.com/argoproj/pkg v0.9.1
    github.com/aws/aws-sdk-go v1.33.16
    github.com/go-resty/resty/v2 v2.7.0
    github.com/gogf/gf/contrib/drivers/mysql/v2 v2.1.0
    github.com/gogf/gf/v2 v2.1.4
    github.com/golang/mock v1.4.3
    github.com/grpc-ecosystem/go-grpc-middleware v1.3.0
    github.com/grpc-ecosystem/go-grpc-prometheus v1.2.0
    github.com/json-iterator/go v1.1.10
    github.com/modern-go/reflect2 v1.0.1
    github.com/olekukonko/tablewriter v0.0.5
    github.com/opencontainers/go-digest v1.0.0
    github.com/robfig/cron/v3 v3.0.1
    github.com/sirupsen/logrus v1.7.0
    github.com/smartystreets/assertions v1.0.1
    github.com/smartystreets/goconvey v1.6.4
    github.com/spf13/cobra v1.1.3
    github.com/tencentyun/cos-go-sdk-v5 v0.7.35
    github.com/tencentyun/tcecloud-sdk-go v3.0.8+incompatible
    go.opentelemetry.io/otel v1.7.0
    go.starlark.net v0.0.0-20210602144842-1cdb82c9e17a
    golang.org/x/tools v0.1.11-0.20220504162446-54c7ba520b92
    google.golang.org/grpc v1.33.1
    google.golang.org/protobuf v1.27.1
    gopkg.in/yaml.v2 v2.4.0
    k8s.io/api v0.19.8
    k8s.io/apimachinery v0.19.8
    k8s.io/client-go v11.0.0+incompatible
    k8s.io/component-base v0.19.6
    sigs.k8s.io/yaml v1.2.0
)

replace (
    google.golang.org/grpc => google.golang.org/grpc v1.29.1
    k8s.io/api => k8s.io/api v0.19.6
    k8s.io/apimachinery v0.19.6
    k8s.io/client-go => k8s.io/client-go v0.19.6
    k8s.io/code-generator => k8s.io/code-generator v0.19.6
    k8s.io/component-base => k8s.io/component-base v0.19.6
)

```

go mod tidy

```

Run: go build git.woa.com/khaos/eros/app/khaos-oss
# k8s.io/klog/v2
../../../../pkg/mod/k8s.io/klog/v2@v2.5.0/klog.go:702:13: invalid operation: logr != nil (mismatched types logr.Logger and untyped nil)
../../../../pkg/mod/k8s.io/klog/v2@v2.5.0/klog.go:721:13: invalid operation: logr != nil (mismatched types logr.Logger and untyped nil)
../../../../pkg/mod/k8s.io/klog/v2@v2.5.0/klog.go:739:13: invalid operation: logr != nil (mismatched types logr.Logger and untyped nil)
../../../../pkg/mod/k8s.io/klog/v2@v2.5.0/klog.go:768:13: invalid operation: logr != nil (mismatched types logr.Logger and untyped nil)
../../../../pkg/mod/k8s.io/klog/v2@v2.5.0/klog.go:772:14: invalid operation: logger != nil (mismatched types logr.Logger and untyped nil)
../../../../pkg/mod/k8s.io/klog/v2@v2.5.0/klog.go:791:14: invalid operation: logger != nil (mismatched types logr.Logger and untyped nil)
../../../../pkg/mod/k8s.io/klog/v2@v2.5.0/klog.go:915:12: invalid operation: log != nil (mismatched types logr.Logger and untyped nil)
../../../../pkg/mod/k8s.io/klog/v2@v2.5.0/klog.go:1277:21: invalid operation: logging.logr == nil (mismatched types logr.Logger and untyped nil)
../../../../pkg/mod/k8s.io/klog/v2@v2.5.0/klog.go:1278:21: cannot use nil as logr.Logger value in struct literal
Compilation finished with exit code 2

```

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Golang

kubernetesAklogreplaceworkaroundklogv2.60.0

```
replace (
    k8s.io/klog/v2 => k8s.io/klog/v2 v2.60.0
)
```

replacekubernetes api

ArgoCD

CDArgoCDArgoCDSDKreplace

```
require (
    git.woa.com/khaos/pkg v1.4.3-0.20220819031955-4ad837d439ef
    git.woa.com/maxqzhu/argocd-sdk v0.0.0-20220919094321-a21a39049255
    github.com/ClickHouse/clickhouse-go v1.4.8
    github.com/HdrHistogram/hdrhistogram-go v1.1.2
    github.com/argoproj/argo-cd/v2 v2.0.4
    github.com/argoproj/argo-workflows/v3 v3.1.5
    github.com/argoproj/pkg v0.9.1
    github.com/aws/aws-sdk-go v1.33.16
    github.com/clbanning/mxj/v2 v2.5.6 // indirect
    github.com/evanphx/json-patch v5.6.0+incompatible // indirect
    github.com/ghodss/yaml v1.0.1-0.20190212211648-25d852aeb32
    github.com/go-git/go-billy/v5 v5.3.1
    github.com/go-git/go-git/v5 v5.4.2
    github.com/go-resty/resty/v2 v2.7.0
    github.com/gogf/gf/contrib/drivers/mysql/v2 v2.1.0
    github.com/gogf/gf/v2 v2.1.4
    github.com/gogs/go-gogs-client v0.0.0-20210131175652-1d7215cd8d85
    github.com/golang/mock v1.4.4
    github.com/grpc-ecosystem/go-grpc-middleware v1.3.0
    github.com/grpc-ecosystem/go-grpc-prometheus v1.2.0
    github.com/json-iterator/go v1.1.10
    github.com/mattn/go-colorable v0.1.12 // indirect
    github.com/modern-go/reflect2 v1.0.1
    github.com/olekukonko/tablewriter v0.0.5
    github.com/opencontainers/go-digest v1.0.0
    github.com/robfig/cron/v3 v3.0.1
    github.com/sirupsen/logrus v1.7.0
    github.com/smartystreets/assertions v1.0.1
    github.com/smartystreets/goconvey v1.6.4
    github.com/spf13/cobra v1.1.3
    github.com/stretchr/testify v1.7.1
    github.com/tencentyun/cos-go-sdk-v5 v0.7.38
    github.com/tencentyun/tcecloud-sdk-go v3.0.8+incompatible
    go.opentelemetry.io/otel v1.7.0
    go.starlark.net v0.0.0-20210602144842-1cdb82c9e17a
    golang.org/x/net v0.0.0-20220621193019-9d032be2e588 // indirect
    golang.org/x/sys v0.0.0-20220615213510-4f61da869c0c // indirect
    golang.org/x/text v0.3.8-0.20220509174342-b4bca84b0361 // indirect
    golang.org/x/tools v0.1.11-0.20220504162446-54c7ba520b92
    google.golang.org/grpc v1.33.1
    google.golang.org/protobuf v1.27.1
    gopkg.in/yaml.v2 v2.4.0
    gopkg.in/yaml.v3 v3.0.1 // indirect
    k8s.io/api v0.20.4
    k8s.io/apimachinery v0.21.1
    k8s.io/client-go v11.0.1-0.20190816222228-6d55c1b1f1ca+incompatible
    k8s.io/component-base v0.20.4
    sigs.k8s.io/yaml v1.2.0
)

replace (
    google.golang.org/grpc => google.golang.org/grpc v1.29.1
    k8s.io/klog/v2 => k8s.io/klog/v2 v2.60.0
)

replace (
```

```

github.com/argoproj/gitops-engine => github.com/argoproj/gitops-engine v0.2.2
k8s.io/api => k8s.io/api v0.19.6
k8s.io/apiextensions-apiserver => k8s.io/apiextensions-apiserver v0.19.6
k8s.io/apimachinery => k8s.io/apimachinery v0.19.6
k8s.io/apiserver => k8s.io/apiserver v0.19.6
k8s.io/cli-runtime => k8s.io/cli-runtime v0.19.6
k8s.io/client-go => k8s.io/client-go v0.19.6
k8s.io/cloud-provider => k8s.io/cloud-provider v0.19.6
k8s.io/cluster-bootstrap => k8s.io/cluster-bootstrap v0.19.6
k8s.io/code-generator => k8s.io/code-generator v0.19.6
k8s.io/component-base => k8s.io/component-base v0.19.6
k8s.io/component-helpers => k8s.io/component-helpers v0.19.6
k8s.io/controller-manager => k8s.io/controller-manager v0.19.6
k8s.io/cri-api => k8s.io/cri-api v0.19.6
k8s.io/csi-translation-lib => k8s.io/csi-translation-lib v0.19.6
k8s.io/kube-aggregator => k8s.io/kube-aggregator v0.19.6
k8s.io/kube-controller-manager => k8s.io/kube-controller-manager v0.19.6
k8s.io/kube-proxy => k8s.io/kube-proxy v0.19.6
k8s.io/kube-scheduler => k8s.io/kube-scheduler v0.19.6
k8s.io/kubectrl => k8s.io/kubectrl v0.19.6
k8s.io/kubelet => k8s.io/kubelet v0.19.6
k8s.io/legacy-cloud-providers => k8s.io/legacy-cloud-providers v0.19.6
k8s.io/metrics => k8s.io/metrics v0.19.6
k8s.io/mount-utils => k8s.io/mount-utils v0.19.6
k8s.io/sample-apiserver => k8s.io/sample-apiserver v0.19.6

```

)

```

Run: Test_New in git.woa.com/khaos/eros/utility/argocd
> go setup calls>
# github.com/bombsimon/logrusr
../../../../pkg/mod/github.com/bombsimon/logrusr@v1.0.0/logrusr.go:34:9: cannot use &logrusr{...} (value of type *logrusr) as type logr.Logger in return statement
../../../../pkg/mod/github.com/bombsimon/logrusr@v1.0.0/logrusr.go:62:37: undefined: logr.InfoLogger
../../../../pkg/mod/github.com/bombsimon/logrusr@v1.0.0/logrusr.go:84:9: cannot use l (variable of type *logrusr) as type logr.Logger in return statement
../../../../pkg/mod/github.com/bombsimon/logrusr@v1.0.0/logrusr.go:96:9: cannot use l (variable of type *logrusr) as type logr.Logger in return statement
# sigs.k8s.io/kustomize/pkg/transformers/config
../../../../pkg/mod/sigs.k8s.io/kustomize@v2.0.3/incompatible/pkg/transformers/config/factorycmd.go:71:25: cannot use api.Schema.SchemaProps.Properties (variable of type spec.SchemaProperties)
Compilation finished with exit code 2

```

WorkAroundSDK

.....

.....

replace

```

replace (
    github.com/argoproj/argo-cd/v2 => github.com/argoproj/argo-cd/v2 v2.0.1
    github.com/bombsimon/logrusr => github.com/gqcn/logrusr v1.3.0
    github.com/go-openapi/spec => github.com/go-openapi/spec v0.17.0
    sigs.k8s.io/kustomize/v2 => sigs.k8s.io/kustomize/v2 v2.1.0
)

```

github.com/gqcn/logrusr github.com/bombsimon/logrusr forkgithub github.com/go-logr/logr v1.2.3

Golang

-
-
- Golang
- GoFrame <https://goframe.org/>

