

# wasi-cloud-core

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# What is it?

- <https://github.com/WebAssembly/WASI/issues/520>
- A new [World](#) definition
- Support “bursty workloads”
  - Edge functions
  - Serverless
  - Cloud events
  - Pipelines
- [80%](#) of problem space where most apps fall into this scope
- Concret form of [“wasi-cloud” proposals](#)
- For more background knowledge, watch the Cloud Native Wasm Day talk [“WASI and the Cloud”](#) by Dan Gohman and me.

# Wasi-cloud proposals

Proposal Name	Status
wasi-keyvalue	<a href="#">Spec draft</a> reviewing
wasi-messaging	<a href="#">Spec draft</a> reviewing
wasi-sql	<a href="#">Spec draft</a> reviewing
wasi-blob-store	<a href="#">Spec draft</a> reviewing
wasi-runtime-config	Not started
wasi-distributed-lock-service	Not started
wasi-http	<a href="#">Spec draft</a> reviewing

# wasi-cloud-core

```
world wasi-cloud-core {  
  include wasi-keyvalue  
  include wasi-blob-store  
  include wasi-sql  
  include wasi-messaging  
  include wasi-runtime-config  
  include wasi-distributed-lock-service  
  
  import default-upstream-HTTP: wasi-http.outgoing-handler  
  
  export HTTP: wasi-http.incoming-handler  
}
```

# Include? What is that?

- <https://github.com/WebAssembly/component-model/issues/169>
- Create a new world from smaller worlds
- Previous [presentation](#)

# Next Step

- Request to vote to move to [phase 1](#)
- `include` work WIP
  - [Add an include keyword](#)
  - [feat\(wit-parser\): add parser for include](#)
- [SpiderLightning \(Slight\)](#) is our experimental wasmtime-based host implementation of wasi-cloud-core.