

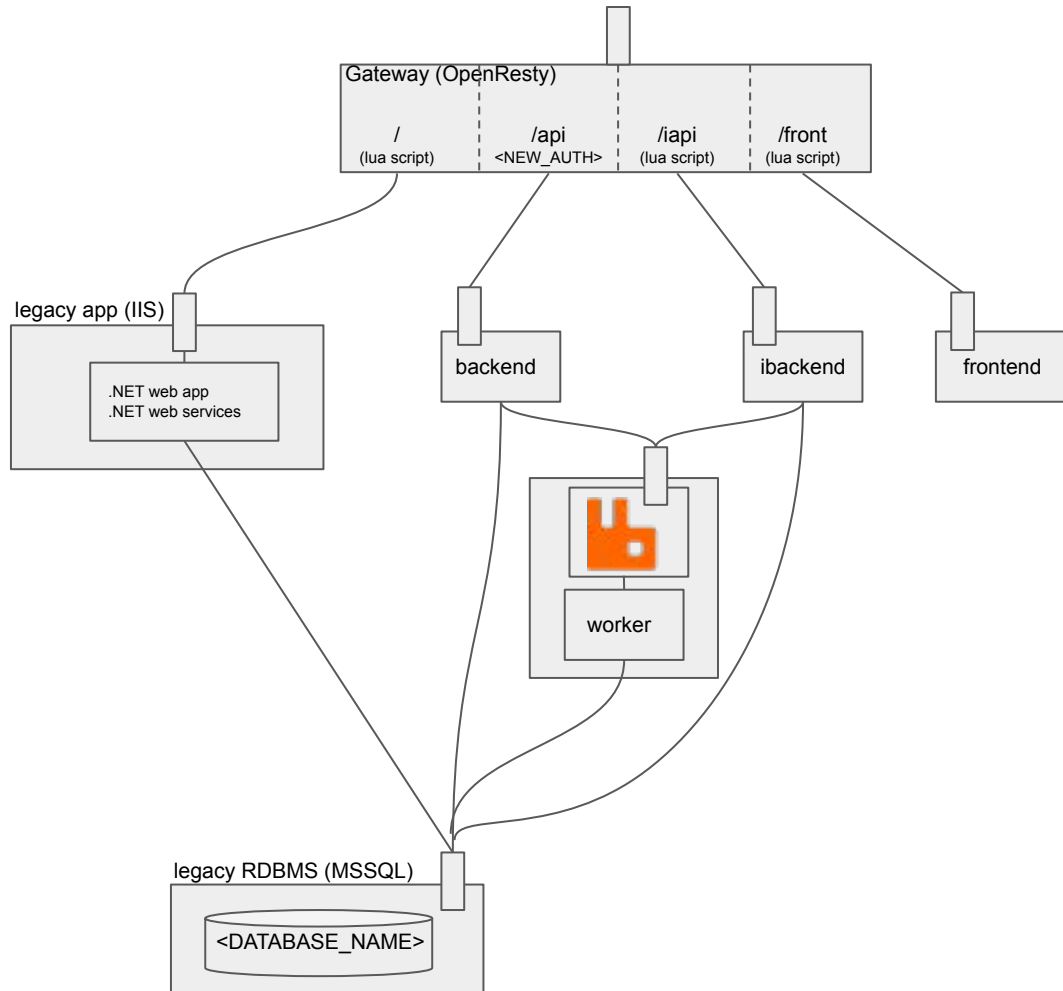
openIMIS

Developers Workshop
Addis Abeba 11/2019

HOWTOs sessions

Agenda



- Deployments: from “logical” to “concrete”
- (new arch) Developers setup
 - getting running... (openMIS-20191104.ova)
 - ... 3 exercises
- Building (from scratch) a backend module to customize claim validation rules
- Building (from scratch) a frontend module
- Integration strategies (backend/frontend)



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(new arch) developers setup

- getting running...
 - openMIS-20191104.ova... but create superuser & disable row security
- unplug/plug existing (frontend) module
 - Demonstrated: claim 
 - Exercise: pick one (frontend) and try it
- change frontend configuration:
 - Demonstrated: nepali calendar in frontend, cache diagnoses,... 
 - Exercise: pick one and try it...
 - Contributions: the Nepali Enquiry Dialog configuration
- change backend configuration:
 - switch on/off distributed async. processing
 - FHIR API: Eligibility response format

(new arch) developers setup

- Building (from scratch) a backend module to customize claim validation rules
 - events (django signals)
 - error messages



(new arch) developers setup

- Building (from scratch) a frontend module
 - react (+ redux state & 'events')
 - opening to others' contributions



(new arch) Integration strategies

- Pure database:
 - Batch (scheduled ETLs)
 - Online (Journal-based)
- Backend (APIs)
 - FHIR
 - GraphQL
 - Event-triggered
- Frontend
 - 'Connected' widgets



Difficulties	Power	Scenarios
		

Integration: some questions

- Size 'dumps', incremental?,...
- Freshness
- Impersonation (and audit trails)
- Multi master (reconciliations,...)
- ...