The United States of a Meta-model Build with MyDraft

An agile model-driven cloud-based platform for data-oriented rich web applications

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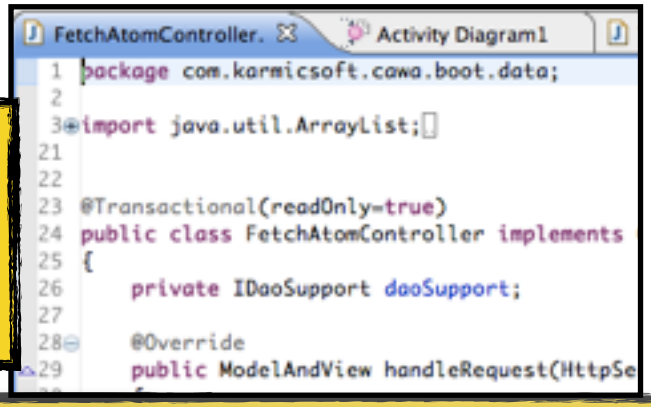
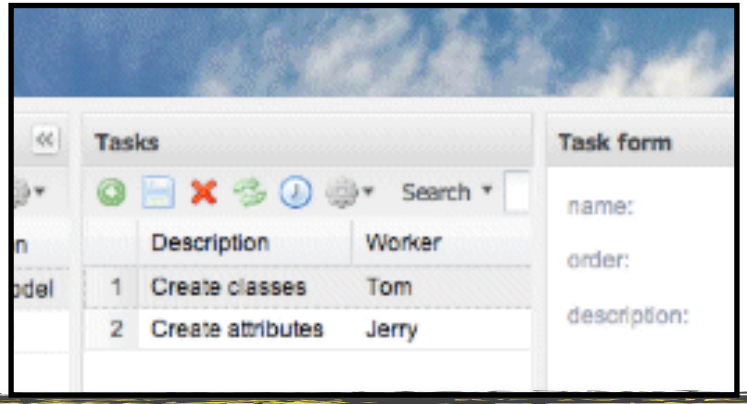
	Design time	Runtime
GUI	IDE, code editors	Data-O Rich Web, SaaS
Persistency	Flat files, models	DB: 10Gb instances
Users	Coders & designers,	BA, Q&A, 10K e-U
Collaboration & traceability	SCM bug trackers	Logs, custom history tables, backups

Concern: co-evolution

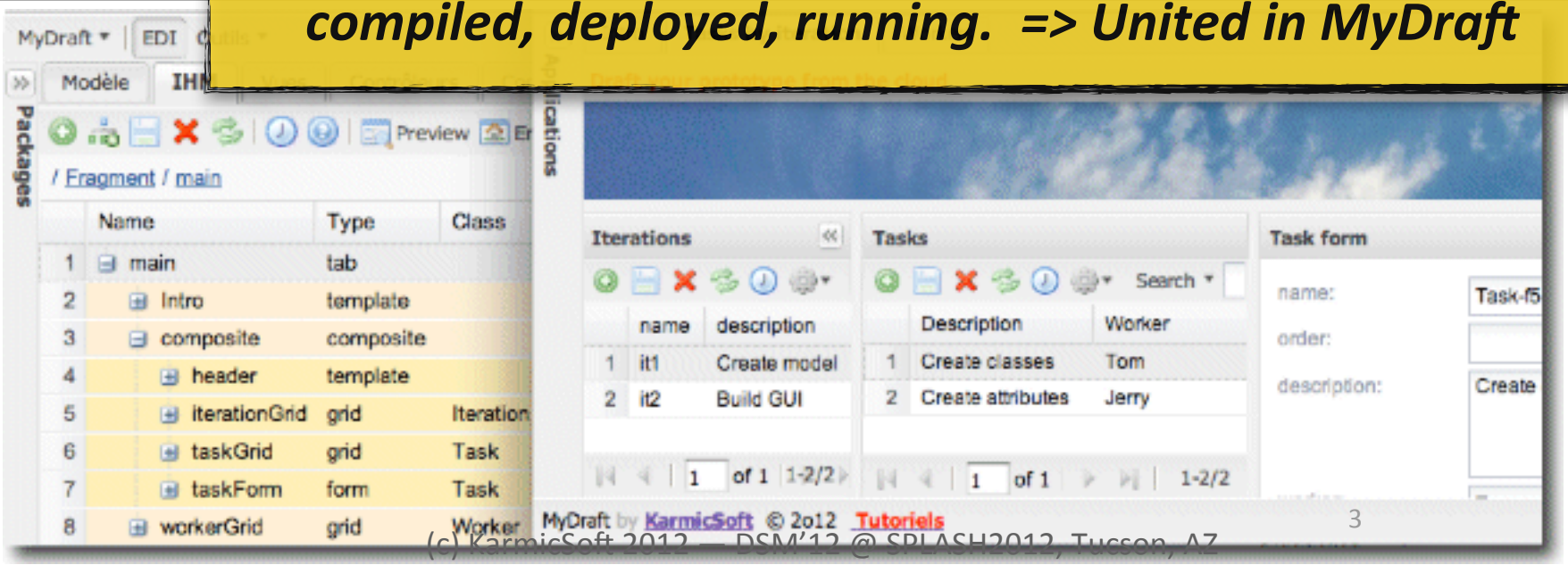




Agile: propagate changes from model elements to instances, in minutes & seconds, host 10K power users, without coding. Same goes from meta-model elements ...

	Design and run time: MyDraft
GUI	Data-O Rich Web, I-DSM-E
Persistency	DB: 10Gb instances **and** models
Users	10K: e-U, BA, Q&A **and** designers, (coders)
Collaboration & traceability	Full traceability and time-machine

Model states: edited, checked, unit tested, checked in, compiled, deployed, running. => United in MyDraft



MyDraft demonstration

http://www.karmicsoft.com/index.php/en/resources-menu/demonstration

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- **Running models:** www.**mydraft.org**
- **Quick build & change with time-travels**

Preview | Entry point | Clear c

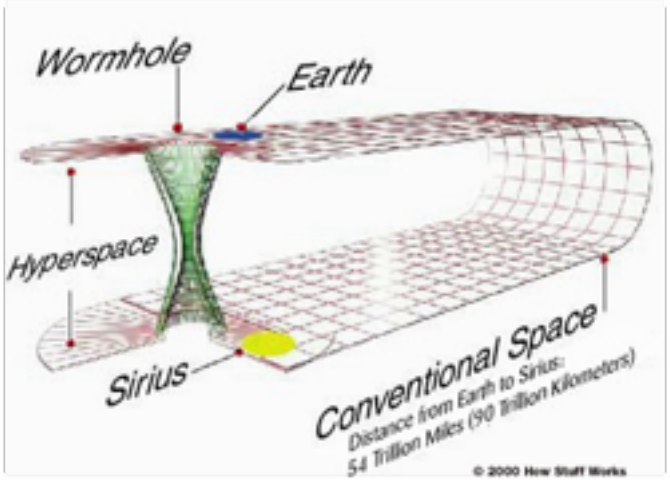
/ Fragment / main

	Name	Type	Class
1	main	tab	
2	citizens	grid	Citizen
3	useCasesCompo	composite	
4	useCases	grid	UseCase
5	useCaseDetail	tab	
6	responsibilitiesCompo	composite	
7	responsibilities	grid	Responsibility
8	behaviour	grid	Behavior
9	features	grid	Feature
10	models	composite	
11	modelGrid	grid	Model
12	modelDetails	tab	
13	features	grid	Feature
14	tests	grid	Test
15	contracts	composite	
16	contractGrid	grid	Contract
17	commitments	grid	Commitment

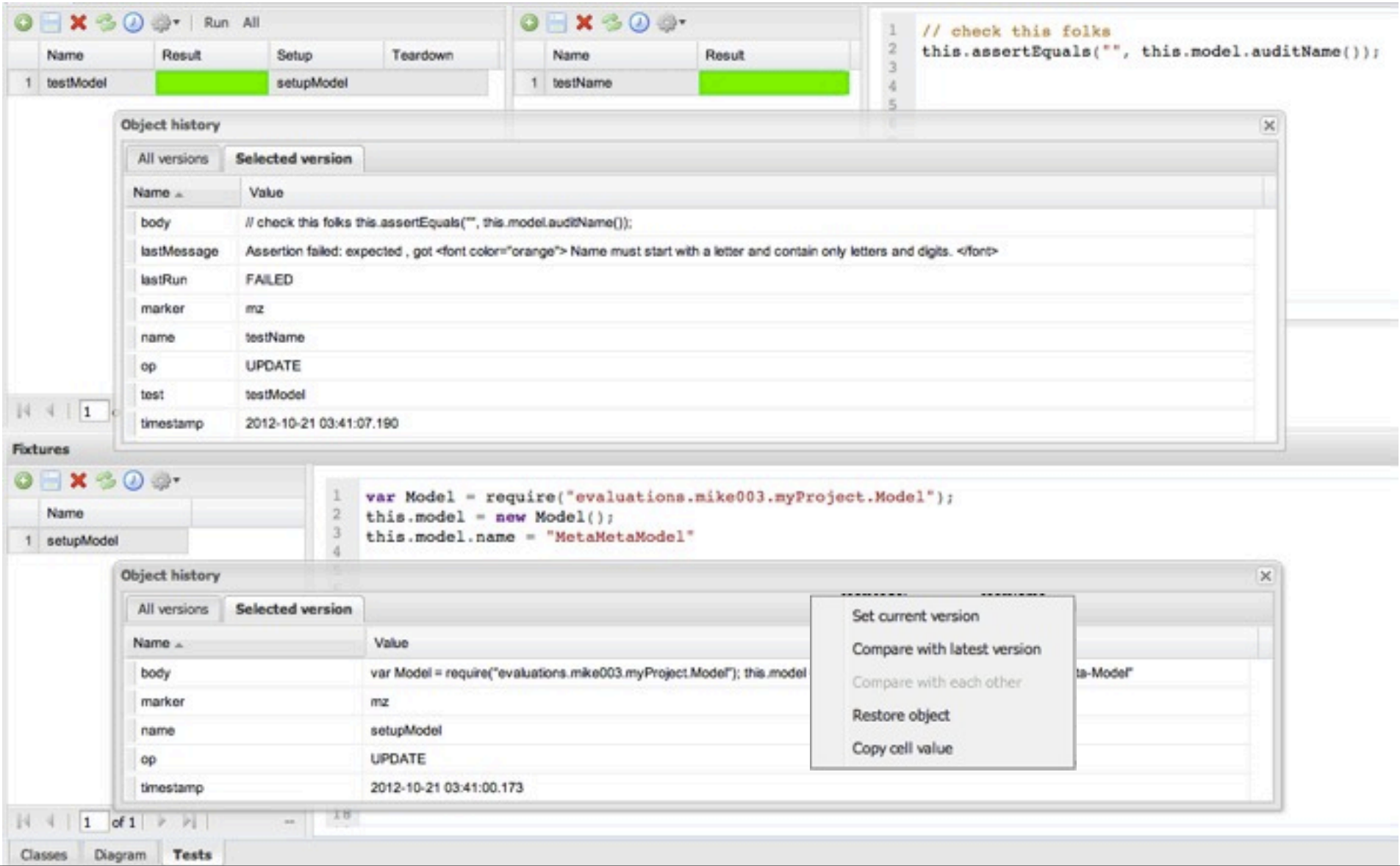
First class citizens | Use cases | Models | Contracts

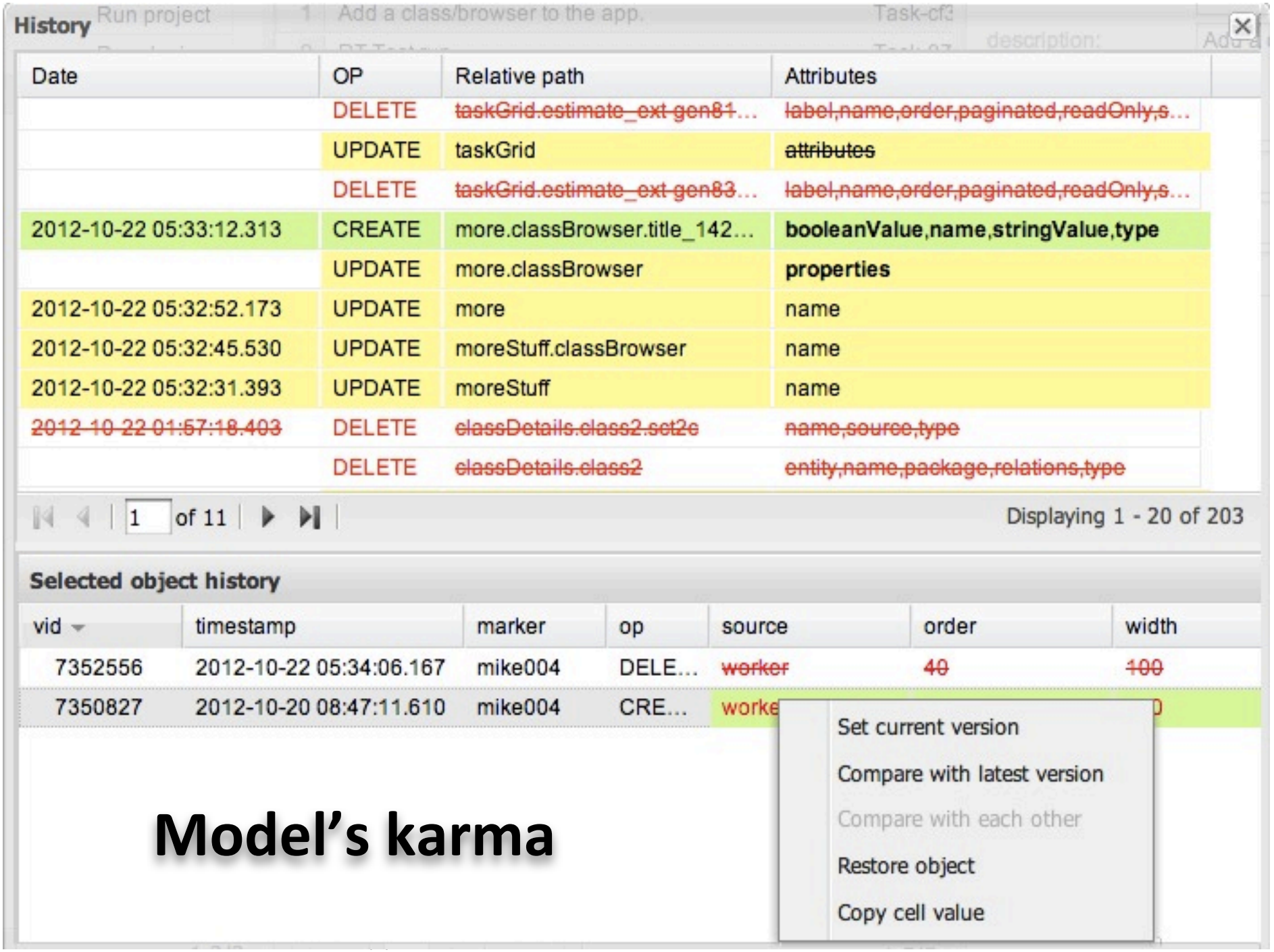
equals
auditName
getOwner

	name			domain
1	Dennis	1		FDD
2	Bill	2		RDD
3	Steve	3		BDD
4	Gail	40	Designer	TDD
5	Badge	50	A strategic ...	Embedded software
6	MetaXDD	60	Just a [meta...	DIWA



Time Travels





Model's karma

Conclusion

- Specific domains: D-ORWA + Specific IDE
- Business analysts: Domain classes + GUI fragments + run tests
- Coders: operations + unit tests / scripted JSR#223
- United states of a meta-model : «M0 .. M3»
- Model changes are available instantly. Bootstrap: 10ms
- Full traceability: model's karma + time machine
- Co-evolution: Data-Model-Meta-model. Eager vs lazy.
- MyDraft: build in MyDraft => in constant evolution, DNA++
- Video tutorials, 30 days free trial: www.karmicsoft.com

What about the future?

- As we did some time travel to the past, you might say: What about the future?
- I can **not** tell you I came from the future.
- The future is prepared here, in the desert. In a few years, the whole planet will be a desert: 8$ bottle of water from Mars
- The best way to predict the future is to build it
- Now, there's an app for that.

Thank you!

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