2020-08 Monthly Status Report

1) Integrated Azure's Kubernetes \ Storage \ Networks \ VM pools \ and Docker Registry pieces with CodaLab with the help from Patrick Flickinger.

2) Integrated Okta into CodaLab for the same project. Okat is a single sign on, federate identity based authentication system. This means we can use Partners IDs for signing in.
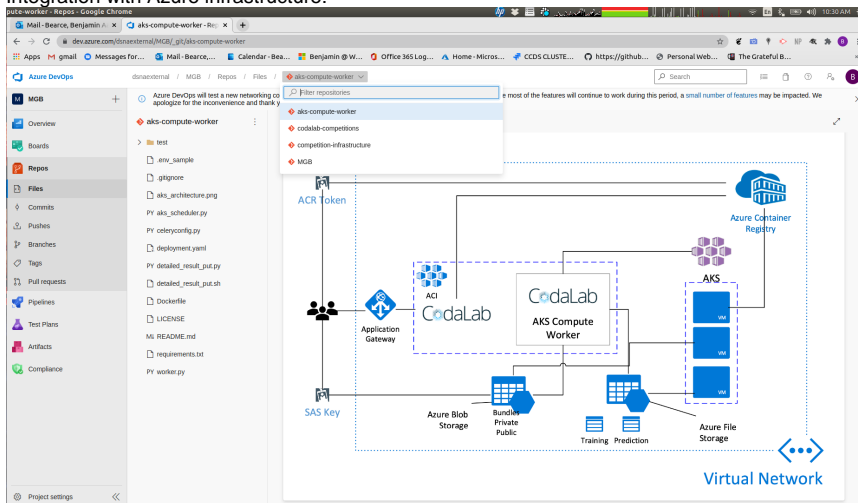

Planned for next month

1) In September I need to make the VM resource pool contain GPUs.

2) Test Phase ends 9/3 and participant finalists will need their Dockers run on the CBIT platform as well as at MGH.

3) Upload Carolyn's video to Medici website.

Comments

Things that went well:

- Integration with Azure infrastructure:

- Integration with Okta:

Connecting to

Sign-in with your MGH-dev-842176 account to access Django SAML Integration

okta

Sign In

Username

bbearce@gmail.com

Password

☑ Remember me

Sign In

Need help signing in?

Don't have an account? Sign up

Signing in to Django SAML Integration
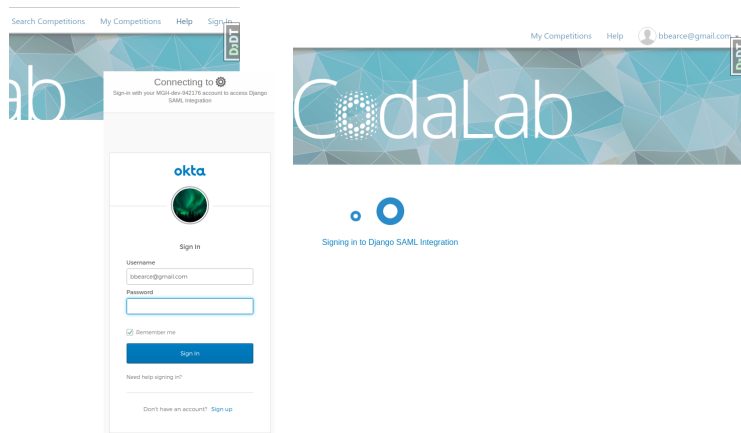
- Miccai Test Phase is finishing up and we have 10 total submissions:

#	User	Entries	Date of Last Entry	< Rank > ▲	F1_Micro ▲	Kappa ▲	Balance_Accurracy ▲	Detailed Results
1	tabulo	19	07/22/20	1.000	0.971 (1)	0.952 (1)	0.944 (1)	View
2	Sen	18	07/12/20	2.667	0.943 (2)	0.903 (3)	0.889 (3)	View
3	marvinler	13	08/18/20	2.000	0.943 (2)	0.904 (2)	0.911 (2)	View
4	hanchu1989	26	07/20/20	2.667	0.943 (2)	0.903 (3)	0.889 (3)	View
5	ntudavid	11	08/05/20	4.333	0.886 (3)	0.798 (5)	0.778 (5)	View
6	azh2	49	08/24/20	3.667	0.886 (3)	0.811 (4)	0.860 (4)	View
7	abdela	4	09/01/20	5.333	0.800 (4)	0.662 (6)	0.694 (6)	View
8	Nourmadany	27	08/24/20	6.667	0.771 (5)	0.585 (8)	0.667 (7)	View
9	mmallya	13	08/16/20	6.667	0.771 (5)	0.591 (7)	0.660 (8)	View
10	bbearce	8	07/09/20	8.000	0.486 (6)	-0.082 (9)	0.298 (9)	View
11	MMLAB	3	08/11/20	9.000	0.457 (7)	-0.083 (10)	0.296 (10)	View

- With an active forum:

MICCAI 2020 Combined Radiology and Pathology Classification Challenge Forum

Go back to competition   Start a new topic

Title	Started by	Date created	Latest post	Posts
TeamName	tabulo	Sep 03, 2020	8 hours, 52 minutes	1
Docker submission	tabulo	Aug 31, 2020	1 hour, 4 minutes	6
PAPER submission	ISL_AAST	Aug 29, 2020	4 days, 20 hours	1
Contract book	hanchu1989	Aug 20, 2020	2 weeks	2
Paper Submission	tabulo	Aug 17, 2020	2 weeks	6
Is the deadline for submitting our validation results extended until August 19th?	Maryam	Aug 03, 2020	1 month	2
Is the data of this competition exactly the same as in 2019?	tabulo	Jul 20, 2020	1 month, 1 week	15
When is the deadline for validation results submission?	azh2	Jul 15, 2020	1 month, 2 weeks	6
When can we submit the val-set results?	tabulo	Jul 13, 2020	1 month, 2 weeks	4
How to download all data at once ?	JunMa	May 17, 2020	3 months	8
Testing that emails go where they should	testuser	May 13, 2020	3 months, 3 weeks	1
Test	bbearce	Apr 29, 2020	4 months	1

Comments

Things that could be improved:

- Azure integration is pretty basic still. We need to test a real algorithm on real GPUs.

#	User	Entries	Date of Last Entry	Prediction score ▲	Duration ▲	Detailed Results
1	bbearce	5	08/28/20	1.0000 (1)	- (-)	View
2	cloud	1	08/28/20	1.0000 (1)	- (-)	View

- What we want to see above is more columns for characterizing the performance of the algorithm: ['AUC','Sensitivity','Specificity','Positive Predictive Value (PPV)']. We want to allow participants to train and get an output of their model so far.

Meeting	Date
Bi-weekly Meeting #1	06 Aug 2020
Bi-weekly Meeting #2	20 Aug 2020

Milestones

Description	Date
- Azure integration - Okta Integration - Miccai Test Phase is completed in a day (9/4)	

Task

Description	Resolution	Status	Creation Date	Close Date
Get sample pneumonia algorithm running on Azure VM	Need to increase quota	pending	03 Sep 2020	--
Get pools of VMs in Azure integration to be based on GPU machines	Depends on above task	pending	03 Sep 2020	--

Risks

Description	Mitigation	Rank	Status	Creation Date	Realization	Close Date
If we can't get GPU machines hooked up to Kebernetes in Azure then we can't run algorithms	Execute above tasks and get help from Patrick and or Azure support team	1	pending	03 Sep 2020	--	--