1. Configuring Heirloom PaaS and EBP for a simple demo

Log onto the Heirloom PaaS dashboard at https://paas.heirloomcomputing.com

Subscribe to the Eclipse product:

Product 🔺	Platform	Price (USD)	SLA	Action
Elastic COBOL (Bronze)	desktop (various)	FREE		Subscribe
Elastic COBOL (Gold)	cloud or desktop	Contact Us	A	Contact us for more details

Click the Subscribe button and wait until you see the button to to a 'Download' hyperlink:

Product 🔺	Platform	Price (USD)	SLA	Action
Elastic COBOL (Bronze)	desktop (various)	FREE		Download Instructions
Elastic COBOL (Gold)	cloud or desktop	Contact Us		Contact us for more details

Click download and follow the instructions to download and install Eclipse and the Heirloom Elastic COBOL plugin.

Subscribe to the Heirloom PaaS product:

Heirloom PaaS (Bronze)	cloud (shared core)	FREE		Subscribe	
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Click the subscribe button and wait until you see the button turn to a 'Power On' hyperlink :

Heirloom PaaS (Bronze)	cloud (shared core)	FREE		Power On Unsubscribe	\bigcirc
and the second sec	1. 1	· · · · ·	~		

Click the 'Power On' hyperlink:

Power On	×
Select the nam or if this is a ne will create it for	e of the persistent store where your application is, we persistent store, provide a name for it and we r you
Application:	v
	Power On

Enter the name of an application and click the 'Power On' button:

Heirloom PaaS (Bronze)	cloud (shared core)	FREE	١	Provisioning Power Off Provisi	0

The instance will take a few minutes to provision.

You can begin to build the sample applications while you wait but before you try to deploy, return here to finish this section

Click the 'Advanced' hyperlink in the top right of the dashboard:

demo@heirloom.cc | Advanced View| Sign Out| Support

Click the refresh icon in the 'Your Instances' portal:

Your Instances							×
Email 🔺	Name	Product	Instance Status	Startup Status	Start Date	Host Name	
demo@heirloo	cicsdemo	Heirloom PaaS (Bronze)	running	ready	2017-08-11 16:25:55	cicsdemo.instances.heirloom	

Once your instance shows as running and ready, right click the instance and choose 'Show Web Page' :

rour instances		-	_	_		_
Email 🔺	Name			Product		
demo@heirloo	cicsde	mo		Heirloom Pa	aaS (Bronze
			Show	v Web Page		
			Show	v Statistics	₽	
			Show	v Data Volum	es	
		2	Show	v History		
			Paus	e Instance		
		÷	Rebo	ot Instance		
		9	Term	inate Instanc	:e	
Search			Prote	ect Instance		ilter
A Page	1 0		Billin	g	►	

This will load the home page of the instance:

HEIRLOOM COMPUTING

Heirloom PaaS deployment instance: cicsdemo.apps.heirloomcomputing.com

Instance: Secure | File Explorer | DB Explorer | Tomcat | EBP JES/JCL Console | EBP JES/JCL Configuration

External: Heirloom Computing | Heirloom PaaS | Support

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Click 'EBP JES/JCL Configuration' to be taken to the EBP html interface:

Both the Dashboard and the System Operator Console control EBP through these Web services,

- <u>define</u> new job class
- start job initiators of a specific class or list of classes
- · submit jobs to the input queue to be executed by initiators
- list list job classes, job initiators, input jobs, job outputs, output datasets
- <u>cancel</u> a running or queued job
- · purge output of a running or finished job
- · quiesce suspend job initiation, complete running jobs
- stop running job initiators, halting job execution
- <u>undefine</u> existing job classes, stopping all initiators of that class
- <u>checkpoint</u> a job by saving the current state (at the most recent completed job step)
- · restart a previously checkpointed (after last successful job step) or held job (at start)
- lock cross EBP-Plex locking
- · config the job entry subsystem
- console show EBP console messages

Click the config hyperlink.

In the config section, set System Lib #3 to /hcc/data

Error Level:	Choose Messages:	Choose 🛊	Check Scheduler:	Choose 🛊 Job Aging:	Choose 🛟
New DSN Directory:	Choose \$ New DSN Case:	Choose 🛊	Symbolics:	Choose	Choose 🛊
Task Scope:	Choose Parm Count:				
Job Spool:			Output Spool:		
Temp Spool:			Output. A :		
Parmlib. DEPT :			Alias. SORT :		
EBP-Plex Node:		EBP-Plex Peer:		EBP-Plex Auth:	
Application:			Service Portal:		
JCL Lib # 🛊			System Lib 3 \$	/hcc/data/ListTable.jar	
Data Lib # 🖨			Class Lib # \$		
Remote Debugging:	Port:	off	Suspend Debugger:	Choose \$ Debug Job/Step:	
Other :			Other :		

Click 'Ok' to save the EBP configuration. Click the 'Back to top' link.

Open a webpage to the home page of the application instance:



Heirloom PaaS deployment instance: cicsdemo.apps.heirloomcomputing.com

Instance: Secure | File Explorer | DB Explorer | Tomcat | EBP JES/JCL Console | EBP JES/JCL Configuration

External: Heirloom Computing | Heirloom PaaS | Support

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Click the 'Tomcat' link and log in using your Heirloom PaaS Portal credentials.

Click 'Manager App' (may take a while as app restarted):

Server Status	
Manager App	
Host Manager	

You'll see EBP listed as an installed service:

you'll see EBP listed as an installed application:

/ebp	17.6.26	Heirloom Computing Elastic Batch Platform

To the right of EBP you'll see some buttons, click the 'Reload' button:

Start	Stop	Reload	Undeplo	у
Expire	e session:	s with id	le ≥ 30	minutes

If the Reload is a text string not a button, refresh your browser.

Click back to the EBP Configuration tab on your browser. Click the 'System Operator Console'

You may also have deployed ESP to your virtual private cloud which controls EBPs v

Control this EBP with the System Operator Console .

Both the Dashboard and the System Operator Console control EBP through these W

- <u>define</u> new job class
- ctart ich initiatore of a enceific class or list of classos

This will load the console.

click 'Define' and then OK to create a Class A job class:

16:45:16	HCI168W	عام Define a job class	JND OR NOT ACCES
16:45:16		co	
16:45:16	HCI168W		JND OR NOT ACCES
16:45:16			
16:45:16	HCI0001	loh Type: ICL Joh	s/JCL (v17.5.19)
16:45:16	HCI836I	RAC BOD Type. Jerjob V	ol disabled
16:45:17	HCI802I	CPU Time: 10 seconds	pomcomputing.com
16:45:17		-ad	
19:32:38	HCI168W	OK Cancel	O OR NOT ACCESSI
19:32:38		••• ••• ••• ••• •••	
19:32:38	HCI168W	\$HAS.	D OR NOT ACCESSI
19:32:38		CONTAINER	
19:32:38	HCI0001	HEIRLOOM COMPUTING INC - ELASTIC BATCH PLATFORM - JE	S/JCL (v17.5.19)
19:32:38	HCI836I	RAC Info: RAC not configured, Resource Access Contr	ol disabled
19:32:38	HCI8021	EBP operating under subscription for ian.white@heirl	oomcomputing.com

Click next to the defined class in the output window:



Click 'Start'

Undefine Star	t Submit	Preview	Sched

The console will show an Initiator started for that class:

2017-06-23 19:32:38	HCI802I	EBP operating under subscription for ian.white@heirloomcomputing.com (73a76bfa-
2017-06-23 19:32:38		-ad7d-12313d062c82)
CLASS A	A	CPU 10 / MEM 0 / NET 0 / FILE 0 / ELAPSED 86400 / TYPE JCL
INIT 19363	19363	CLASS A / STATE idle / START 2017-06-23T19:40:27 / END 2063-04-05T22:00:00 /

You can now create and deploy the EBP test project, ListTable.

First however you should ensure you have a database configured, then build the sample CICS project and populate the database with some data.