

Design Patterns

Produced
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pacemaker console

Commands

```
Welcome to pacemaker-console - ?help for instructions
pm> ?la
abbrev name          params
l      load          ()
s      store         ()
lu     list-users    ()
cu     create-user   (first name, last name, email, password)
lu     list-user     (email)
lius   list-user     (id)
la     list-activities (user id)
du     delete-user   (id)
aa     add-activity  (user-id, type, location, distance, datetime, duration)
al     add-location  (activity-id, latitude, longitude)
pm>
```

cu - Create User

```
pm> cu homer simpson homer@simpson.com secret
```

```
ok
```

```
+-----+-----+-----+-----+
| ID | FIRSTNAME | LASTNAME |          EMAIL          | PASSWORD |
+-----+-----+-----+-----+
|  1 |      homer |  simpson | homer@simpson.com |    secret |
+-----+-----+-----+-----+
```

```
pm>
```

aa - Add an Activity for a user

```
pm> aa 1 walk fridge .001 "12:10:2013 9:00:00" 1:00:00
```

```
ok
```

```
pm> la 1
```

```
ok
```

ID	TYPE	LOCATION	DISTANCE	STARTTIME	DURATION	ROUTE
1	walk	fridge	0.001	2013-10-12T09:00:00.000+01:00	PT3600S	[]

```
pm>
```

la - List details of an activity

al - Append Location data to an activity

```
pm> al 1 23.3 32.3
```

```
ok
```

```
pm> al 1 23.3 32.5
```

```
ok
```

```
pm> al 1 23.3 32.6
```

```
ok
```

```
pm> la 1
```

```
+-----+-----+-----+-----+-----+-----+-----+
| ID | TYPE | LOCATION | DISTANCE | STARTTIME | DURATION | ROUTE |
+-----+-----+-----+-----+-----+-----+-----+
| 1 | walk | fridge | 0.001 | 2013-10-12T09:00:00.000+01:00 | PT3600S | [23.3,32.3, 23.3,32.5] |
+-----+-----+-----+-----+-----+-----+-----+
```

```
pm>
```

lu - List all Users

```
pm> lu
```

```
ok
```

ID	FIRSTNAME	LASTNAME	EMAIL	PASSWORD
1	marge	simpson	<u>marge@simpson.com</u>	secret
2	lisa	simpson	<u>lisa@simpson.com</u>	secret
3	bart	simpson	<u>bart@simpson.com</u>	secret
4	maggie	simpson	<u>maggie@simpson.com</u>	secret

```
pm>
```

lu - List user based in email

```
pm> lu marge@simpson.com
```

```
ok
```

ID	FIRSTNAME	LASTNAME	EMAIL	PASSWORD
1	marge	simpson	<u>marge@simpson.com</u>	secret

```
pm>
```


lius - list user based on id

```
pm> lius 1
```

```
ok
```

```
+-----+-----+-----+-----+
| ID | FIRSTNAME | LASTNAME | EMAIL | PASSWORD |
+-----+-----+-----+-----+
| 1 | marge | simpson | marge@simpson.com | secret |
+-----+-----+-----+-----+
```

```
pm>
```

du - delete user

```
pm> du 2
```

```
ok
```

```
pm> lu
```

```
ok
```

```
+-----+-----+-----+-----+
| ID | FIRSTNAME | LASTNAME | EMAIL | PASSWORD |
+-----+-----+-----+-----+
| 1 | marge | simpson | marge@simpson.com | secret |
| 3 | bart | simpson | bart@simpson.com | secret |
| 4 | maggie | simpson | maggie@simpson.com | secret |
+-----+-----+-----+-----+
```

```
pm>
```



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