

Data Structures Diagram

map < Costume, pair < unsigned int, list < People > > costume-ships

	first	second	Comments:
Costume:		* 3 list < People >	1) a ballerina
name:	ballerina		2) a pirate, 4
Costume:		* * * 3 list < People >	3) a Popeye
name:	pirate		Sharon: Paul Jackson: Rodriguez
Costume:		1 list < People >	4) a transGamer
name:	Popeye		2
Costume:		* * 0 list < People >	Betty Sharon 5) a
name:	transGamer		Lee Jackson Cinderella
Costume:		list < People >	Betty
name:	Cinderella		Lee
			5) a ballerina
			2

map < People, Costume > people

	first	second	Comments:
People:	first-name: Sharon	Costume:	1) r Sharon Jackson
	last-name: Jackson	name: pirate transGamer	pirate
People:	first-name: Paul	Costume:	2) r Paul Rodriguez
	last-name: Rodriguez	name: pirate	pirate
People:	first-name: Betty	Costume:	3) r Betty Lee
	last-name: Lee	name: Cinderella transGamer	Cinderella
People:	first-name: Mary	Costume:	4) r Betty Lee
	last-name: Bucha	name: NULL	transGamer
			5) r Sharon Jackson
			transGamer