@isTest

private class AddPrimaryContactTest {

@isTest

private static void testQueueableClass() {

List<Account> accounts = new List<Account>();

for (Integer i=0; i<500; i++) {

Account acc = new Account(Name='Test Account');

if ( i<250 ) {

acc.BillingState = 'NY';

} else {

acc.BillingState = 'CA';

}

accounts.add(acc);

}

insert accounts;

Contact contact = new Contact(FirstName='Simon', LastName='Connock');

insert contact;

Test.startTest();

Id jobId = System.enqueueJob(new AddPrimaryContact(contact, 'CA'));

Test.stopTest();

List<Contact> contacts = [SELECT Id FROM Contact WHERE Contact.Account.BillingState = 'CA'];

System.assertEquals(200, contacts.size(), 'ERROR: Incorrect number of Contact records found');

}

}