```java
import java.util.Stack;

public interface ICommandProcessor {

    public boolean commit(ICommand command);

    public ICommand currentCommand();

    public boolean canUndo();

    public boolean canRedo();

    public boolean redo();

    public boolean undo();

    public void clear();

    public void startTransaction();

    public boolean isTransactionSuccessful();

    boolean commit(ICommand command, Stack<ICommand>
transctionData);

    void endTransaction(Stack<ICommand> transactionStack);

    void rollbackTransaction(Stack<ICommand> transactionStack);
}
```