+ QueueDrvr()

+ isEmptyDem(): Boolean

+ isEmptyRep(): Boolean

+ isEmptyWhig: Boolean

+ insert (president: Presidents): void

- insertDem (president: Presidents): void

- insertRep (president: Presidents): void

- insertWhig (president: Presidents):void

+ display (disType: int): void

- getQHeader (type: int): void

- getPQHeader (type: int) void

- displayDem(): void

- displayRep(): void

- displayWhig(): void

+ selectionSort(): void

- sortDem(): void

- sortRep(): void

- sortWhig(): void

- swapDem (one: int, two: int): void

- swapRep (one: int, two: int): void

- swapWhig (one: int, two: int): void

+ getUpdate (president: Presidents):void

+ update(): void

- updateDem (popPrez: Presidents): void

- updateRep (popPrez: Presidents): void

- updateWhig (popPrez: Presidents):void

+ displayStack(): void

+ StackDrvr()

+ push (president: Presidents): void

+ pop(): Presidents

+ isEmpty(): Boolean

+ size(): int

+ display(): void

- getHeader(): void

- prezStack: ArrayList<Presidents>

- stackElem: int

- top: int

StackDrvr

+ Presidents( pNumber: int, pName: String, pCode: String, pTerm: int, pParty: String, pState: String)

+getNumber(): int

+getName(): String

+ getCode(): String

+ getYears(): int

+ getParty(): String

+ getState(): String

+ toString(): String

- number: int

- name: String

- code: String

- years: int

- party: String

- state: String

Presidents

- demQueue: ArrayList<Presidents>

- demFront: int

- demRear: int

- demElem: int

- repQueue: ArrayList<Presidents>

- repFront: int

- repRear: int

- repElem: int

- whigQueue: ArrayList<Presidents>

- whigFront: int

- whigRear: int

- whigElem: int

- prezStack: StackDrvr

QueueDrvr

main (String[] args): void

Main

- fr: FileReader

-br : BufferedReader

- number: int

- name: String

- party: String

- code: String

- years: int

- state: String

- input: String

- fileData: ArrayList<Presidents>

+ File (file: String)

+ parse(): void

+ parseUpdate(): void

+ getFileData(): ArrayList <Presidents>

+ displayFileData(): void

File