UML Diagram Lab 1 - Bitsets and Vectors Morse Binary Code Decoder By: Branden Lee

FileHandler bool readLines(string fileName, ifstream& fileStream) bool writeLines(string fileName, ofstream& fileStream)

Parser unsigned int fileSize unsigned int filePos unsigned int charWritten unsigned int ignoreNum char bufferInChar[2] char bufferOutChar[2] char spaceChar[2] string streamBuffer bool spaceWrite Parser() ~Parser() bool morseBinaryToChar(ifstream& fileStreamIn, ofstream& fileStreamOut) bool bufferHandle() string byteToBitString(char byteIn) int bitStringFind(string space) MorseBinary unsigned int binaryInt MorseBinaryCharTable binaryCharTable MorseBinary(string morse) ~MorseBinary() bool toChar(char& charOut) bool bitStringToInt(string morse, unsigned int& intOut) MorseBinaryCharTable vector<string> charIntToBinaryStringTable

bool close(ifstream& fileStreamIn, ofstream& fileStreamOut)

vector<char> binaryIntToCharTable const string dashBinary = "01" const string dotBinary = "10"

MorseBinaryCharTable()

FileHandler()

~FileHandler()

~MorseBinaryCharTable()

void buildBinaryIntToCharTable();

bool binaryIntToChar(unsigned int binaryInt, char& charOut):