HOSS Transform Utilities For HL7 V2 Messages 11/12/10

getHL7MessageDelimiter(MSH msh, int pos)
getMsgTypeStringByAppFac(HashMap<Object, String> msgTypeMap, String app, String fac)
processMSHSegment(HL7DataTree root)
raiseDetectedIssue(String message, String issueType)
isADTMessage(MSH msh)
isORUMessage(MSH msh)
isLab(HashMap<Object, String> msgTypeMap, String app, String fac)
isMicro(HashMap<Object, String> msgTypeMap, String app, String fac)
isRad(HashMap<Object, String> msgTypeMap, String app, String fac)
isTxt(HashMap<Object, String> msgTypeMap, String app, String fac)
isEventA01(MSH msh)
isEventR03(MSH msh)
fixPid3(PID pid, String institutionShortName, String identifierTypeCode, HL7Properties prop)
forceFixPid3(PID pid, String institutionShortName, String identifierTypeCode, HL7Properties prop)
keepOnlyPID3(HL7DataTree msg)
forceSetPid3Value(HL7DataTree msg, CX pid_3_4, CX pid_3_5)
KeepOnlyMrnInPid(HL7DataTree tree, String identifier)
fixPhoneNumber(ArrayList<XTN> phones)
fixSSN(PID pid)
fixBirthDate(PID pid)
fixMaritalStatus(PID pid)
fixRaceCode(PID pid, HashMap<String, String> raceCodeMap)
removeGenericSSN(HL7DataTree msg)
removeGenericSSN(GT1 gt1Segment)
removeRepeatingPid3Values(HL7DataTree root, String goodIdentifierTypeCode)
removeRepeatingPid9(HL7DataTree root)
changePatientClass(HL7DataTree root, String toReplace, String replacement)
fixPatientClass(PV1 pv1)
fixVipIndicator(PV1 pv1)
fixAllDoctorFields(PV1 pv1, HL7Properties prop)
fixDoctorField(XCN doctor, HL7Properties prop)
getContentFromDoctor(XCN doctor)
modifyPV1_3_4BasedOnPV1_2(MSH msh, PV1 pv1, String oldLocation, String replacementLocation)
modifyPV1_3_4BasedOnPV1_2(MSH msh, PV1 pv1, HashMap<String, String> patLocMap)
removeIN1SegmentIfBlankCompanyId(HL7DataTree root)
removeDG1SegmentIfBlankCompanyId(HL7DataTree root)
standardizeDG1_6(HL7DataTree root)
standardizeAL1_3(HL7DataTree root)
setDefaultCodingSystem(HL7DataTree root, HL7Properties prop, String defaultCodingSystem)
forceDefaultCodingSystem(HL7DataTree root, HL7Properties prop, String defaultCodingSystem)
nullifySpecificOBRElement(HL7DataTree root, String obrElement)
swapObr7WithObr8(OBR obr)
swapObr7WithObr8(HL7DataTree root)
obr4ReplaceCommasWithSpace(HL7DataTree tree)
setOBR5ifNull(HL7DataTree msg)

removeFirstObx(HL7DataTree msg)
setNumericOBX2ToString(HL7DataTree root)
setOBX2ToST(HL7DataTree root)
addGDTtoObx31(HL7DataTree root, String codingSystem)
addGDTToObservationIdentifier(HL7DataTree root)
setSeeNoteInObx5(HL7DataTree msg)
specialProcessingBasedOnOBX5(HL7DataTree msg)
removeExtraSpacesFromOBX6(HL7DataTree msg)
removeExtraSpacesFromOBX7(HL7DataTree msg)
obx6SpecialReplacement(HL7DataTree tree, String str)
setDefaultValueForDiagnosticCodingMethod(HL7DataTree root)
removeEmptySegment(HL7DataTree msg, String targetTag)
removeExtraSpaces(HL7DataTree msg, String segment)
removeRepeatingSubfields(HL7DataTree msg, String segment)
removeNTEIfEmpty(HL7DataTree msg)
removeNTEIfSetId(HL7DataTree msg)
removeNteIfNte3IsBlank(HL7DataTree msg)
addMissingNTESegments(HL7DataTree msg)
removeRepeatingGroups(ArrayList<T> list)
getValueFromMap(HashMap<Object, String> map, ArrayList<String> pair)
addCharToString(final String s, final String pattern, char token)
isNumeric(String str)