PUBLIC HEALTH INFORMATION EXCHANGE (PHIX)

RELEASE NOTES

Version 1.3.1.0

February 6, 2012

VERSION HISTORY

Version #	Implemented By	Revision Date	Approved By	Approval Date	Reason
1.1_a	Mike Trebatoski	15-Jul-2011			Included latest release info for CDC using web services message transport.
1.1_b	Mike Trebatoski	19-Jul-2011			Message transport using NwHIN Direct REST services.
1.1_c	Paul DeJong	23-Jul-2011			Completed sections 2 & 5
1.2.0.0	Paul DeJong	16-Nov-2011			PHIX rebranding, new features for v1.2, Portal launch
1.2.0.1	Paul DeJong	22-Nov-11			Bugfix release to address problem with Mirth channel destination configuration
1.3.0.0	Paul DeJong	20-Jan-12			New features for v1.3
1.3.1.0	Paul DeJong	06-Feb-12			Additional release for CR13

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1. INTRODUCTION

1.1 Objective

Define all new features, bug fixes, and enhancements in this release of the product. The intended audience is SAIC, CDC, and other public health and health information exchange staff.

1.2 Scope of Document

This document describes features of the PHIX application and bug fixes included as part of the Version 1.3 release of the software on January 20, 2012.

Release numbers are formatted as follows:

<application-name> <major-release #>.<minor-release #>.<interface release #><bug release #>

For example, PHIX_1.3.0.0, means for the PHIX application, this is the 1st major release, 3rd minor functional release, initial interface release, initial bug release.

1.3 Definitions, Acronyms, and Abbreviation

The following table provides definitions for terms relevant to this document.

Table 1. Key Terms

Term	Definition
Application Server	A software framework or container which provides a consistent environment for the development of software applications to the software development team and to the application software at runtime. In the context of this document the Application Server will reside within and directly interface with the Web Server acting as a single unit.
CDC	United States **C**enters for **D**isease **C**ontrol and Prevention – federal agency which is an operating division of the Department of Health and Human Services.
Component Routing Service	PHIX Component Routing Service is a transport-agnostic component that was custom developed for PHLISSA. It determines message routing and which PHIX components will be called based on message type, trigger event, HL7 version, and sending and receiving organizations. Configuration information is stored in the PHIX PostgreSQL database, but accessed by Mirth via web service calls during runtime message processing.
Database Server	A software framework or container which provides a consistent environment for the all database services to the software development team and to the application software at runtime. In the context of this document the Database Server will be accessible only by the application, reporting servers and the systems administrator.
NwHIN Direct Project	The Nationwide Health Information Network Direct Project software specifies a *simple, secure, scalable, standards-based* way for participants to send encrypted health information directly to known, trusted recipients over the Internet.
HAPI	HL7 application programming interface (pronounced "happy") is an open-source, object-oriented HL7 2.x parser for Java. The HAPI native message parser uses profiles to constrain messages and create message definition requirements. Pre-prepared reference based objects are available for error detection, and custom constraint rules and grouping of rules have been included to support the PHLISSA use cases.

Term	Definition
Mirth	Mirth is an open source health care integration engine that supports the creation of interfaces, or ***channels***, that perform message filtering, transformation, and routing between disparate systems. Channels are created and configured using the Mirth Administrator rich client and are deployed to the Mirth Server. Once deployed, channels can be monitored and controlled remotely through the Administrator interface.
MSS	MSS or Message Subscription Services, is a open source software package (OSS) using Apache Derby which was developed for CDC and performs message translation and transformation services. MSS is also used to evaluate specified fields containing numeric, textual, or coded result data in conjunction with order information to detect conditions that are considered "notifiable" and therefore require public health notification reporting.
Linker	Component used to anonymize patient data for surveillance reporting purposes. The Linker stores patient identifiable data in a secure, open source database and generates a pseudo patient identification key required for later re-identification and retrieval in the event of a public health emergency.
VADS	Vocabulary Access and Distribution service which provides vocabulary validation and translation services. PHLISSA uses the open source version of VADS Lite running on Apache Derby, to determine validity of fields containing standardized vocabulary and to augment the translation of localized vocabulary to standardized nomenclature (e.g., LOINC, SNOMED, CVX).
Web Server	A software framework or container which provides a consistent environment for the all web services to the software development team and to the web application software at runtime.

2. SYSTEM REQUIREMENTS

2.1 Compatible Platforms

This product has been tested on the following platforms with the following characteristics:

- Operating Systems for the Application:
  - Windows XP Professional Version 2002 Service Pack 3
  - Windows Server 2008 Standard Edition Service Pack 2
- Databases:
  - Database: PostgreSQL version 9.0.5-1
- Application Servers:
  - Apache Tomcat version 7.0.14 (for Linker/Anonymizer)
  - JBoss version 5.1.0.GA (for PHIX and MSS services)
- Java:
  - JDK 1.6.0_29 for 32-bit Windows
- Internet Browsers:
  - Firefox 4 or greater
  - Microsoft Internet Explorer 8 or greater
- Other:
  - Mirth Connect 2.1.1
  - HAPI v1.0
  - MSS: Custom Apache Derby build (based on 3.6), including custom VADS Lite Derby build
  - NHIN Direct REST Java reference implementation version 0.0.1
  - Maven 2.2.1
  - Linker/Anonymizer: Custom PHIX build
  - hMailServer 4.4.3

2.2 Resource Requirements

- Processor: Intel Pentium 4 CPU 3.80GHz
- Memory (RAM): 3.00 GB minimum
- System type: 32-bit Operating System
- 50 GB hard drive space

2.3 Special Considerations

None for PHIX version 1.3

3. RELEASE FEATURES

3.1 New Features

- PHIX now supports configuration of multiple profiles for the same message type – trigger event – version combination.
- Structural Validation Service: support for 2.5.1 CWEs with up to 21 fields rather than default of 9.

3.2 Software Change Requests

- **PHLISSA CR013:** PHIX now supports configuration of multiple profiles for the same message type – trigger event – version combination.

3.3 PHIX Defects resolved in this release

ISSUE - ID	Severity	Description
PHIX-5	MAJOR	Revise channel destination connection code within Mirth and update existing release code due to connection issue identified following release.
PHIX-13	MINOR	Implementation guide should include instructions to have Linker service start AFTER Jboss/PHIX service due to JMX port conflict.

4. KNOWN ISSUES

The following are either known bugs with the product and not yet addressed or limitations of the product which need to be taken into consideration.

4.1 Unresolved Defects

ID	Severity	Description

None for PHIX version 1.3

4.2 Additional Information and Recommendations

None for PHIX version 1.3

5. RELEASE DETAILS

5.1 Release file list for PHIX_1_3_1_0.zip distribution file:

.:

DirectRESTIface/
LICENSE.txt*
Linker/
NOTICE.txt*
db/
demo/
doc/
mirth_channels/
nhin-d-rest/
services/

PHIX_1_3_1_0/DirectRESTIface:
lib/

PHIX_1_3_1_0/DirectRESTIface/lib:
hubdirect.jar*
mail-1.4.3.jar*

PHIX_1_3_1_0/Linker:
Tomcat/

PHIX_1_3_1_0/Linker/Tomcat:
LICENSE*
NOTICE*
RELEASE-NOTES*
RUNNING.txt*
bin/
conf/
lib/
logs/
temp/
webapps/
work/

PHIX_1_3_1_0/Linker/Tomcat/bin:
bootstrap.jar*
catalina-tasks.xml*
catalina.bat*
catalina.sh*
commons-daemon-native.tar.gz*

commons-daemon.jar*
configtest.sh*
cpappend.bat*
digest.bat*
digest.sh*
service.bat*
setclasspath.bat*
setclasspath.sh*
shutdown.bat*
shutdown.sh*
startup.bat*
startup.sh*
tcnative-1.dll*
tomcat-juli.jar*
tomcat-native.tar.gz*
tomcat7.exe*
tomcat7w.exe*
tool-wrapper.bat*
tool-wrapper.sh*
version.bat*
version.sh*

PHIX_1_3_1_0/Linker/Tomcat/conf:
catalina.policy*
catalina.properties*
context.xml*
logging.properties*
server.xml*
server.xml.orig*
tomcat-users.xml*
web.xml*

PHIX_1_3_1_0/Linker/Tomcat/lib:
annotations-api.jar*
catalina-ant.jar*
catalina-ha.jar*
catalina-tribes.jar*
catalina.jar*
ecj-3.6.2.jar*
el-api.jar*
jasper-el.jar*
jasper.jar*
jsp-api.jar*
mysql-connector-java-5.1.16-bin.jar*
postgresql-9.0-801.jdbc4.jar*
servlet-api.jar*
tomcat-api.jar*
tomcat-coyote.jar*
tomcat-dbcp.jar*

tomcat-i18n-es.jar*
tomcat-i18n-fr.jar*
tomcat-i18n-ja.jar*
tomcat-util.jar*

PHIX_1_3_1_0/Linker/Tomcat/logs:
hibernate.log*

PHIX_1_3_1_0/Linker/Tomcat/temp:

PHIX_1_3_1_0/Linker/Tomcat/webapps:
ROOT/
bioSense/
docs/
examples/
host-manager/
manager/

PHIX_1_3_1_0/Linker/Tomcat/webapps/ROOT:
RELEASE-NOTES.txt*
WEB-INF/
asf-logo-wide.gif*
asf-logo.png*
bg-button.png*
bg-middle.png*
bg-nav-item.png*
bg-nav.png*
bg-upper.png*
build.xml*
favicon.ico*
index.jsp*
tomcat-power.gif*
tomcat.css*
tomcat.gif*
tomcat.png*
tomcat.svg*

PHIX_1_3_1_0/Linker/Tomcat/webapps/ROOT/WEB-INF:
web.xml*

PHIX_1_3_1_0/Linker/Tomcat/webapps/bioSense:
META-INF/
WEB-INF/
viewer/

PHIX_1_3_1_0/Linker/Tomcat/webapps/bioSense/META-INF:
MANIFEST.MF*

PHIX_1_3_1_0/Linker/Tomcat/webapps/bioSense/WEB-INF:

classes/
lib/
web.xml*

PHIX_1_3_1_0/Linker/Tomcat/webapps/bioSense/WEB-INF/classes:
BioSense.hbm.xml*
CDC2.jpg*
ehcache.xml*
gov/
hibernate.cfg.xml*
hibernate.cfg.xml.mysql*
hibernate.cfg.xml.oracle*
hibernate.cfg.xml.original*
hibernate.cfg.xml.sqlserver*
log4j.properties*

PHIX_1_3_1_0/Linker/Tomcat/webapps/bioSense/WEB-INF/classes/gov:
cdc/

PHIX_1_3_1_0/Linker/Tomcat/webapps/bioSense/WEB-INF/classes/gov/cdc:
biosense/

PHIX_1_3_1_0/Linker/Tomcat/webapps/bioSense/WEB-INF/classes/gov/cdc/biosense:
dpit/

PHIX_1_3_1_0/Linker/Tomcat/webapps/bioSense/WEB-INF/classes/gov/cdc/biosense/dpit:
beans/
messages/
servlet/
util/

PHIX_1_3_1_0/Linker/Tomcat/webapps/bioSense/WEB-INF/classes/gov/cdc/biosense/dpit/beans:
AssigningAuthority.class*
FacilityUsers.class*
Patient.class*
PatientId.class*
PatientIdMergeHistory.class*
PatientName.class*
Results.class*
Visit.class*
VisitId.class*
VisitIdMergeHistory.class*
VisitIdRef.class*

PHIX_1_3_1_0/Linker/Tomcat/webapps/bioSense/WEB-INF/classes/gov/cdc/biosense/dpit/messages:
Linker.class*

PHIX_1_3_1_0/Linker/Tomcat/webapps/bioSense/WEB-INF/classes/gov/cdc/biosense/dpit/servlet:
Identifiers.class*

PHIX_1_3_1_0/Linker/Tomcat/webapps/bioSense/WEB-INF/classes/gov/cdc/biosense/dpit/util:
HibernateUtil.class*
LinkerQuery.class*
LinkerQueryTest.class*

PHIX_1_3_1_0/Linker/Tomcat/webapps/bioSense/WEB-INF/lib:
_README.txt*
ant-1.6.3.jar*
ant-antlr-1.6.3.jar*
ant-junit-1.6.3.jar*
ant-launcher-1.6.3.jar*
ant-swing-1.6.3.jar*
antlr-2.7.5H3.jar*
antlr.license.txt*
apache.license-2.0.txt*
apache.license.txt*
asm-attrs.jar*
asm.jar*
c3p0-0.9.0.4.jar*
c3p0.license.txt*
cglib-2.1.jar*
cleanimports.jar*
commons-collections-2.1.1.jar*
commons-lang-2.1.jar*
commons-logging-1.0.4.jar*
concurrent-1.3.2.jar*
connector.jar*
connector.licence.txt*
dom4j-1.6.jar*
ehcache-1.1.jar*
hibernate3.jar*
hsqldb.jar*
jaas.jar*
jaas.licence.txt*
jacc-1_0-fr.jar*
jaxen-1.1-beta-4.jar*
jboss-cache.jar*
jboss-common.jar*
jboss-jmx.jar*
jboss-system.jar*
jdbc2_0-stdext.jar*
jdbc2_0-stdext.licence.txt*
jgroups-2.2.7.jar*
jta.jar*
jta.licence.txt*
jtds-1.1.jar*
junit-3.8.1.jar*
log4j-1.2.9.jar*

mysql-connector-java-3.0.16-ga-bin.jar*
odmg.jar*
oscache-2.1.jar*
proxool-0.8.3.jar*
swarmcache-1.0rc2.jar*
thinlet.jar*
version.properties*
versioncheck.jar*
xalan.jar*
xerces-2.6.2.jar*
xml-apis.jar*
xpp3_min-1.1.3.4.I.jar*
xstream-1.1.2.jar*

PHIX_1_3_1_0/Linker/Tomcat/webapps/bioSense/viewer:
Center1.jpg*
Centers for Disease Control and Prevention_files/
Query.jsp*
Results.jsp*

PHIX_1_3_1_0/Linker/Tomcat/webapps/bioSense/viewer/Centers for Disease Control and Prevention_files:
bs.css*
logo.gif*
logo_FirstGov.gif*
logo_dhhs.gif*
s.gif*
style.css*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs:
BUILDING.txt*
RELEASE-NOTES.txt*
RUNNING.txt*
WEB-INF/
aio.html*
api/
appdev/
apr.html*
architecture/
balancer-howto.html*
building.html*
cgi-howto.html*
changelog.html*
class-loader-howto.html*
cluster-howto.html*
config/
connectors.html*
default-servlet.html*
deployer-howto.html*
developers.html*

elapi/
extras.html*
funcspecs/
html-manager-howto.html*
images/
index.html*
introduction.html*
jasper-howto.html*
jndi-datasource-examples-howto.html*
jndi-resources-howto.html*
jspapi/
logging.html*
manager-howto.html*
maven-jars.html*
mbeans-descriptor-howto.html*
monitoring.html*
proxy-howto.html*
realm-howto.html*
security-howto.html*
security-manager-howto.html*
servletapi/
setup.html*
ssi-howto.html*
ssl-howto.html*
tribes/
virtual-hosting-howto.html*
windows-auth-howto.html*
windows-service-howto.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/WEB-INF:
web.xml*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/api:
index.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/appdev:
build.xml.txt*
deployment.html*
index.html*
installation.html*
introduction.html*
processes.html*
sample/
source.html*
web.xml.txt*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/appdev/sample:
build.xml*
docs/

index.html*
sample.war*
src/
web/

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/appdev/sample/docs:
README.txt*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/appdev/sample/src:
mypackage/

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/appdev/sample/src/mypackage:
Hello.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/appdev/sample/web:
WEB-INF/
hello.jsp*
images/
index.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/appdev/sample/web/WEB-INF:
web.xml*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/appdev/sample/web/images:
tomcat.gif*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/architecture:
index.html*
overview.html*
requestProcess/
requestProcess.html*
startup/
startup.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/architecture/requestProcess:
requestProcess.pdf*
roseModel.mdl*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/architecture/startup:
serverStartup.pdf*
serverStartup.txt*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/config:
ajp.html*
cluster-channel.html*
cluster-deployer.html*
cluster-interceptor.html*
cluster-listener.html*
cluster-manager.html*

cluster-membership.html*
cluster-receiver.html*
cluster-sender.html*
cluster-valve.html*
cluster.html*
context.html*
engine.html*
executor.html*
filter.html*
globalresources.html*
host.html*
http.html*
index.html*
jar-scanner.html*
listeners.html*
loader.html*
manager.html*
realm.html*
resources.html*
server.html*
service.html*
systemprops.html*
valve.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/elapi:
index.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/funcspecs:
fs-admin-apps.html*
fs-admin-objects.html*
fs-admin-opers.html*
fs-default.html*
fs-jdbc-realm.html*
fs-jndi-realm.html*
fs-memory-realm.html*
index.html*
mbean-names.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/images:
add.gif*
asf-logo.gif*
code.gif*
design.gif*
docs.gif*
fix.gif*
printer.gif*
tomcat.gif*
tomcat.svg*
update.gif*

void.gif*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/jspapi:
index.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/servletapi:
index.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/docs/tribes:
developers.html*
faq.html*
interceptors.html*
introduction.html*
membership.html*
setup.html*
status.html*
transport.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples:
WEB-INF/
index.html*
jsp/
servlets/

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF:
classes/
jsp/
jsp2/
lib/
tags/
web.xml*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes:
CookieExample.class*
CookieExample.java*
HelloWorldExample.class*
HelloWorldExample.java*
LocalStrings.properties*
LocalStrings_en.properties*
LocalStrings_es.properties*
LocalStrings_fr.properties*
LocalStrings_pt.properties*
RequestHeaderExample.class*
RequestHeaderExample.java*
RequestInfoExample.class*
RequestInfoExample.java*
RequestParamExample.class*
RequestParamExample.java*
ServletToJsp.class*

ServletToJsp.java*
SessionExample.class*
SessionExample.java*
async/
cal/
chat/
checkbox/
colors/
compressionFilters/
dates/
error/
examples/
filters/
jsp2/
listeners/
num/
sessions/
util/
validators/

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/async:
Async0$1.class*
Async0.class*
Async0.java*
Async1$1.class*
Async1.class*
Async1.java*
Async2$1.class*
Async2.class*
Async2.java*
Async3.class*
Async3.java*
AsyncStockServlet.class*
AsyncStockServlet.java*
Stockticker$Stock.class*
Stockticker$TickListener.class*
Stockticker.class*
Stockticker.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/cal:
Entries.class*
Entries.java*
Entry.class*
Entry.java*
JspCalendar.class*
JspCalendar.java*
TableBean.class*
TableBean.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/chat:
ChatServlet$MessageSender.class*
ChatServlet.class*
ChatServlet.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/checkbox:
CheckTest.class*
CheckTest.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/colors:
ColorGameBean.class*
ColorGameBean.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/compressionFilters:
CompressionFilter.class*
CompressionFilter.java*
CompressionFilterTestServlet.class*
CompressionFilterTestServlet.java*
CompressionResponseStream.class*
CompressionResponseStream.java*
CompressionServletResponseWrapper.class*
CompressionServletResponseWrapper.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/dates:
JspCalendar.class*
JspCalendar.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/error:
Smart.class*
Smart.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/examples:
ExampleTagBase.class*
ExampleTagBase.java*
FooTag.class*
FooTag.java*
FooTagExtraInfo.class*
FooTagExtraInfo.java*
LogTag.class*
LogTag.java*
ShowSource.class*
ShowSource.java*
ValuesTag.class*
ValuesTag.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/filters:
ExampleFilter.class*
ExampleFilter.java*
SetCharacterEncodingFilter.class*

SetCharacterEncodingFilter.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/jsp2:
examples/

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/jsp2/examples:
BookBean.class*
BookBean.java*
FooBean.class*
FooBean.java*
ValuesBean.class*
ValuesBean.java*
el/
simpletag/

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/jsp2/examples/el:
Functions.class*
Functions.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/jsp2/examples/simpletag:
EchoAttributesTag.class*
EchoAttributesTag.java*
FindBookSimpleTag.class*
FindBookSimpleTag.java*
HelloWorldSimpleTag.class*
HelloWorldSimpleTag.java*
RepeatSimpleTag.class*
RepeatSimpleTag.java*
ShuffleSimpleTag.class*
ShuffleSimpleTag.java*
TileSimpleTag.class*
TileSimpleTag.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/listeners:
ContextListener.class*
ContextListener.java*
SessionListener.class*
SessionListener.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/num:
NumberGuessBean.class*
NumberGuessBean.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/sessions:
DummyCart.class*
DummyCart.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/util:
HTMLFilter.class*

HTMLFilter.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/classes/validators:
DebugValidator.class*
DebugValidator.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/jsp:
applet/
debug-taglib.tld*
example-taglib.tld*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/jsp/applet:
Clock2.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/jsp2:
jsp2-example-taglib.tld*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/lib:
jstl.jar*
standard.jar*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/WEB-INF/tags:
displayProducts.tag*
helloWorld.tag*
panel.tag*
xhtmlbasic.tag*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp:
async/
cal/
chat/
checkbox/
colors/
dates/
error/
forward/
images/
include/
index.html*
jsp2/
jsptoserv/
num/
plugin/
security/
sessions/
simpletag/
snp/
source.jsp*
source.jsp.html*

tagplugin/
xml/

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/async:
async1.jsp*
async1.jsp.html*
async3.jsp*
async3.jsp.html*
index.jsp*
index.jsp.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/cal:
Entries.java.html*
Entry.java.html*
JspCalendar.java.html*
TableBean.java.html*
cal1.jsp*
cal1.jsp.html*
cal2.jsp*
cal2.jsp.html*
calendar.html*
login.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/chat:
index.jsp*
index.jsp.html*
login.jsp*
login.jsp.html*
post.jsp*
post.jsp.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/checkbox:
CheckTest.html*
check.html*
checkresult.jsp*
checkresult.jsp.html*
cresult.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/colors:
ColorGameBean.html*
clr.html*
colors.html*
colrs.jsp*
colrs.jsp.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/dates:
date.html*
date.jsp*
date.jsp.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/error:
er.html*
err.jsp*
err.jsp.html*
error.html*
errorpge.jsp*
errorpge.jsp.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/forward:
forward.jsp*
forward.jsp.html*
fwd.html*
one.jsp*
one.jsp.html*
two.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/images:
code.gif*
execute.gif*
read.gif*
return.gif*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/include:
foo.html*
foo.jsp*
foo.jsp.html*
inc.html*
include.jsp*
include.jsp.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/jsp2:
el/
jspattribute/
jspx/
misc/
simpletag/
tagfiles/

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/jsp2/el:
Functions.java.html*
ValuesBean.java.html*
ValuesTag.java.html*
basic-arithmetic.html*
basic-arithmetic.jsp*
basic-arithmetic.jsp.html*
basic-comparisons.html*
basic-comparisons.jsp*
basic-comparisons.jsp.html*

composite.html*
composite.jsp*
composite.jsp.html*
functions.html*
functions.jsp*
functions.jsp.html*
implicit-objects.html*
implicit-objects.jsp*
implicit-objects.jsp.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/jsp2/jspattribute:
FooBean.java.html*
HelloWorldSimpleTag.java.html*
ShuffleSimpleTag.java.html*
TileSimpleTag.java.html*
jspattribute.html*
jspattribute.jsp*
jspattribute.jsp.html*
shuffle.html*
shuffle.jsp*
shuffle.jsp.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/jsp2/jspx:
basic.html*
basic.jspx*
basic.jspx.html*
svgexample.html*
textRotate.html*
textRotate.jpg*
textRotate.jspx*
textRotate.jspx.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/jsp2/misc:
EchoAttributesTag.java.html*
coda.jspf*
coda.jspf.html*
config.html*
config.jsp*
config.jsp.html*
dynamicattrs.html*
dynamicattrs.jsp*
dynamicattrs.jsp.html*
prelude.jspf*
prelude.jspf.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/jsp2/simpletag:
BookBean.java.html*
FindBookSimpleTag.java.html*
Functions.java.html*

HelloWorldSimpleTag.java.html*
RepeatSimpleTag.java.html*
book.html*
book.jsp*
book.jsp.html*
hello.html*
hello.jsp*
hello.jsp.html*
repeat.html*
repeat.jsp*
repeat.jsp.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/jsp2/tagfiles:
displayProducts.tag.html*
hello.html*
hello.jsp*
hello.jsp.html*
helloWorld.tag.html*
panel.html*
panel.jsp*
panel.jsp.html*
panel.tag.html*
products.html*
products.jsp*
products.jsp.html*
xhtmlbasic.tag.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/jsptoserv:
ServletToJsp.java.html*
hello.jsp*
hello.jsp.html*
jsptoservlet.jsp*
jsptoservlet.jsp.html*
jts.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/num:
numguess.html*
numguess.jsp*
numguess.jsp.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/plugin:
applet/
plugin.html*
plugin.jsp*
plugin.jsp.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/plugin/applet:
Clock2.class*
Clock2.java*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/security:
protected/

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/security/protected:
error.jsp*
error.jsp.html*
index.jsp*
index.jsp.html*
login.jsp*
login.jsp.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/sessions:
DummyCart.html*
carts.html*
carts.jsp*
carts.jsp.html*
crt.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/simpletag:
foo.html*
foo.jsp*
foo.jsp.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/snp:
snoop.html*
snoop.jsp*
snoop.jsp.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/tagplugin:
choose.html*
choose.jsp*
choose.jsp.html*
foreach.html*
foreach.jsp*
foreach.jsp.html*
howto.html*
if.html*
if.jsp*
if.jsp.html*
notes.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/jsp/xml:
xml.html*
xml.jsp*
xml.jsp.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/servlets:
cookies.html*

helloworld.html*
images/
index.html*
reqheaders.html*
reqinfo.html*
reqparams.html*
sessions.html*

PHIX_1_3_1_0/Linker/Tomcat/webapps/examples/servlets/images:
code.gif*
execute.gif*
return.gif*

PHIX_1_3_1_0/Linker/Tomcat/webapps/host-manager:
META-INF/
WEB-INF/
images/
index.jsp*
manager.xml*

PHIX_1_3_1_0/Linker/Tomcat/webapps/host-manager/META-INF:
context.xml*

PHIX_1_3_1_0/Linker/Tomcat/webapps/host-manager/WEB-INF:
jsp/
web.xml*

PHIX_1_3_1_0/Linker/Tomcat/webapps/host-manager/WEB-INF/jsp:
401.jsp*
403.jsp*
404.jsp*

PHIX_1_3_1_0/Linker/Tomcat/webapps/host-manager/images:
add.gif*
asf-logo.gif*
code.gif*
design.gif*
docs.gif*
fix.gif*
tomcat.gif*
update.gif*
void.gif*

PHIX_1_3_1_0/Linker/Tomcat/webapps/manager:
META-INF/
WEB-INF/
images/
index.jsp*
status.xsd*

xform.xsl*

PHIX_1_3_1_0/Linker/Tomcat/webapps/manager/META-INF:
context.xml*

PHIX_1_3_1_0/Linker/Tomcat/webapps/manager/WEB-INF:
jsp/
web.xml*

PHIX_1_3_1_0/Linker/Tomcat/webapps/manager/WEB-INF/jsp:
401.jsp*
403.jsp*
404.jsp*
sessionDetail.jsp*
sessionsList.jsp*

PHIX_1_3_1_0/Linker/Tomcat/webapps/manager/images:
add.gif*
asf-logo.gif*
code.gif*
design.gif*
docs.gif*
fix.gif*
tomcat.gif*
update.gif*
void.gif*

PHIX_1_3_1_0/Linker/Tomcat/work:
Catalina/

PHIX_1_3_1_0/Linker/Tomcat/work/Catalina:
localhost/

PHIX_1_3_1_0/Linker/Tomcat/work/Catalina/localhost:
_/
bioSense/
manager/

PHIX_1_3_1_0/Linker/Tomcat/work/Catalina/localhost/_:
org/

PHIX_1_3_1_0/Linker/Tomcat/work/Catalina/localhost/_/org:
apache/

PHIX_1_3_1_0/Linker/Tomcat/work/Catalina/localhost/_/org/apache:
jsp/

PHIX_1_3_1_0/Linker/Tomcat/work/Catalina/localhost/_/org/apache/jsp:

PHIX_1_3_1_0/Linker/Tomcat/work/Catalina/localhost/bioSense:
org/

PHIX_1_3_1_0/Linker/Tomcat/work/Catalina/localhost/bioSense/org:
apache/

PHIX_1_3_1_0/Linker/Tomcat/work/Catalina/localhost/bioSense/org/apache:
jsp/

PHIX_1_3_1_0/Linker/Tomcat/work/Catalina/localhost/bioSense/org/apache/jsp:
viewer/

PHIX_1_3_1_0/Linker/Tomcat/work/Catalina/localhost/bioSense/org/apache/jsp/viewer:

PHIX_1_3_1_0/Linker/Tomcat/work/Catalina/localhost/manager:
org/

PHIX_1_3_1_0/Linker/Tomcat/work/Catalina/localhost/manager/org:
apache/

PHIX_1_3_1_0/Linker/Tomcat/work/Catalina/localhost/manager/org/apache:
jsp/

PHIX_1_3_1_0/Linker/Tomcat/work/Catalina/localhost/manager/org/apache/jsp:
WEB_002dINF/

PHIX_1_3_1_0/Linker/Tomcat/work/Catalina/localhost/manager/org/apache/jsp/WEB_002dINF:
jsp/

PHIX_1_3_1_0/Linker/Tomcat/work/Catalina/localhost/manager/org/apache/jsp/WEB_002dINF/jsp:

PHIX_1_3_1_0/db:
BioSenseLinker.backup*
hub.backup*

PHIX_1_3_1_0/demo:
phixdata/

PHIX_1_3_1_0/demo/phixdata:
HL7_ERROR/
HL7_IN/
HL7_PROCESSED/
HL7_TRANSFORMED/
doc/
logs/
src msgs/

PHIX_1_3_1_0/demo/phixdata/HL7_ERROR:

PHIX_1_3_1_0/demo/phixdata/HL7_IN:

PHIX_1_3_1_0/demo/phixdata/HL7_PROCESSED:

PHIX_1_3_1_0/demo/phixdata/HL7_TRANSFORMED:

PHIX_1_3_1_0/demo/phixdata/doc:
Message Processing Flow.xlsx*
PHLISSA Test Execution Matrix.xlsx*

PHIX_1_3_1_0/demo/phixdata/logs:

PHIX_1_3_1_0/demo/phixdata/src msgs:
S1-10 ORU 2.5.1 hepc 5_v3.txt*
S1-11 ORU 2.5.1 salm 4_v3.txt*
S1-12 ORU 2.5.1 hepc 6_v3.txt*
S1-13 ORU 2.5.1 glucose 1_v3.txt*
S1-14 ORU 2.5.1 influenza 3_v3.txt*
S1-15 ORU 2.3.1 salm 5_v6.txt*
S1-16 ORU 2.3.1 salm 6_v5.txt*
S1-17_ORU 2.5.1 hepc 7_v3.txt*
S1-18_ORU 2.5.1 hepc 8_v3.txt*
S1-19 ORU 2.5.1 influenza 4_v3.txt*
S1-1_ORU 2.5.1 salm 1_v3.txt*
S1-2_ORU 2.5.1 salm 2_v3.txt*
S1-3_ORU 2.5.1 salm 3_v3.txt*
S1-4 ORU 2.5.1 influenza 1_v3.txt*
S1-5 ORU 2.5.1 influenza 2_v3.txt*
S1-6_ORU 2.5.1 hepc 1_v3.txt*
S1-7_ORU 2.5.1 hepc 2_v3.txt*
S1-8 ORU 2.5.1 hepc 3_v3.txt*
S1-9 ORU 2.5.1 hepc 4_v3.txt*
S2-1_ACK_PHL1 to LAB1_v3.txt*
S2-1_OML_LAB1 to PHL1_v3.txt*
S2-1_OUL_PHL1 to LAB1_v3.txt*
S2-2_ACK_PHL1 to LAB1_v3.txt*
S2-2_OML_LAB1 to PHL1_v3.txt*
S2-2_OUL_PHL1 to LAB1_v3.txt*
S3-1_ACK_PHL2 to PHL1_v3.txt*
S3-1_OML_PHL1 to PHL2_v3.txt*
S3-1_OUL_PHL2 to PHL1_v3.txt*
S3-2_ACK_PHL2 to PHL1_v3.txt*
S3-2_OML_PHL1 to PHL2_v3.txt*
S3-2_OUL_PHL2 to PHL1_v3.txt*
S4-10_ADT_A08_E_v2.txt*
S4-11_ADT_A08_I_v2.txt*
S4-12_ADT_A08_I_v2.txt*
S4-13_ADT_A03_I_v2.txt*
S4-14_ADT_A03_E_v2.txt*

S4-15_ADT_A03_E_v2.txt*
S4-16_ADT_A03_I_v2.txt*
S4-1_ADT_A01_I_v3.txt*
S4-2_ADT_A01_I_v2.txt*
S4-3_ADT_A01_I_v2.txt*
S4-4_ADT_A01_I_v2.txt*
S4-5_ADT_A04_E_v2.txt*
S4-6_ADT_A04_E_v2.txt*
S4-7_ADT_A04_E_v2.txt*
S4-8_ADT_A04_E_v2.txt*
S4-9_ADT_A08_O_v2.txt*
S5-10_VXU_VaccChild3_v2.txt*
S5-11_VXU_VaccChild4_v2.txt*
S5-12_VXU_VaccChild5_v2.txt*
S5-13_VXU_VaccChild6_v2.txt*
S5-14_VXU_VaccChild7_v2.txt*
S5-15_VXU_VaccChild8_v2.txt*
S5-16_VXU_VaccChild9_v2.txt*
S5-17_VXU_VaccChild10_v2.txt*
S5-1_VXU_VaccAdult1_v2.txt*
S5-2_VXU_VaccAdult2_v2.txt*
S5-3_VXU_VaccAdult3_v2.txt*
S5-4_VXU_VaccAdult4_v2.txt*
S5-5_VXU_VaccAdult5_v2.txt*
S5-6_VXU_VaccAdult6_v2.txt*
S5-7_VXU_VaccAdult7_v2.txt*
S5-8_VXU_VaccChild1_v2.txt*
S5-9_VXU_VaccChild2_v2.txt*

PHIX_1_3_1_0/doc:
Direct_Implementation_Overview.pdf*
Mirth_Direct_Integration_Notes.pdf*
NHIN_Direct_REST_Java_Installation_Notes.pdf*
PHIX - LINKER Software.docx*
PHIX - NwHIN DIRECT REST Reference Implementation.docx*
PHIX Implementation Guide.docx*
PHIX_Comprehensive_Solution_for_Public_Health_Meaningful_Use.pdf*
PHIX_Hub_Preliminary_Design_Document.pdf*
PHIX_Implementation_Guide.pdf*
PHIX_LINKER_Software.pdf*
PHIX_Objectives_and_Architecture_Overview.pdf*
PHIX_Operations_Guide.pdf*
PHIX_Release_Notes.pdf*
PHI_Conference_2011_PHIX_Powerpoint.pdf*
PHLIP_ETOR_Salmonella_Phase1__v1.0.2.docx*
Use_Cases_Supported_by_PHIX.pdf*

PHIX_1_3_1_0/mirth_channels:
01_PHIX.xml*

01_PHIX_DIRECT_RECV.xml*
01_PHIX_FILE_READER.xml*
01_PHIX_WS_RECV.xml*
test/

PHIX_1_3_1_0/mirth_channels/test:
LinkerTest.xml*
PHIX_CONNECTOR_TEST.xml*

PHIX_1_3_1_0/nhin-d-rest:
JamesInterface/
LICENSE.TXT*
driver/
rails/
spring-maven-poc/

PHIX_1_3_1_0/nhin-d-rest/JamesInterface:
README.txt*
build.xml*
james-2.3.2/
lib/
resources/
src/

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/james-2.3.2:
LICENSE.txt*
NOTICE.txt*
README.txt*
RELEASE_NOTES.txt*
UPGRADE.txt*
apps/
bin/
conf/
ext/
lib/
logs/
tools/
work/

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/james-2.3.2/apps:
dummy.txt*
james.sar*

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/james-2.3.2/bin:
Wrapper.LICENSE*
Wrapper.dll*
Wrapper.exe*
derby.properties*
lib/

phoenix-loader.jar*
phoenix.sh*
run.bat*
run.sh*
sendmail.py*
wrapper.jar*

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/james-2.3.2/bin/lib:
excalibur-cli-1.0.jar*
excalibur-extension-1.0a.jar*
excalibur-instrument-manager-1.0.jar*
excalibur-io-1.1.jar*
excalibur-logger-2.1.jar*
excalibur-monitor-2.1.jar*
jakarta-oro-2.0.8.jar*
mx4j-jmx.jar*
mx4j-tools.jar*
mx4j.LICENSE*
phoenix-engine.jar*
spice-classman-1.0.jar*
spice-loggerstore-0.5.jar*
spice-salt-0.8.jar*
spice-xmlpolicy-1.0.jar*
spice.LICENSE*

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/james-2.3.2/conf:
kernel.xml*
phoenix-service.xml*
wrapper.conf*

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/james-2.3.2/ext:
README.txt*

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/james-2.3.2/lib:
avalon-framework-api-4.3.jar*
avalon-framework-impl-4.3.jar*
avalon-logkit-2.1.jar*
commons-collections-2.1.1.jar*
concurrent-1.3.4.jar*
excalibur-cli-1.0.jar*
excalibur-extension-1.0a.jar*
excalibur-instrument-api-2.1.jar*
excalibur-instrument-manager-1.0.jar*
excalibur-io-1.1.jar*
excalibur-logger-2.1.jar*
excalibur-monitor-2.1.jar*
excalibur-pool-api-2.1.jar*
excalibur-pool-impl-2.1.jar*
excalibur-thread-api-2.1.jar*

excalibur-thread-impl-2.1.jar*
jakarta-oro-2.0.8.jar*
mx4j-jmx.jar*
mx4j-tools.jar*
mx4j.LICENSE*
phoenix-client.jar*
phoenix-engine.jar*
spice-classman-1.0.jar*
spice-loggerstore-0.5.jar*
spice-salt-0.8.jar*
spice-xmlpolicy-1.0.jar*
spice.LICENSE*
sunjce_provider.jar*

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/james-2.3.2/logs:
phoenix.log*
readme.txt*

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/james-2.3.2/tools:
lib/

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/james-2.3.2/tools/lib:
excalibur-i18n-1.0.jar*
isorelax-20020414.jar*
isorelax.LICENSE*
msv-20020414.jar*
msv.LICENSE*
phoenix-tools.jar*
qdox-1.1.jar*
qdox.LICENSE*
relaxngDatatype-20020414.jar*
relaxngDatatype.LICENSE*
spice-configkit-1.1.2.jar*
spice.LICENSE*
xsdlib-20020414.jar*
xsdlib.LICENSE*

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/james-2.3.2/work:
james-plus-1275052418654/

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/james-2.3.2/work/james-plus-1275052418654:
SAR-INF/

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/james-2.3.2/work/james-plus-1275052418654/SAR-INF:
lib/

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/james-2.3.2/work/james-plus-1275052418654/SAR-INF/lib:
NHINInterface.jar*
activation-1.1.1.jar*

bcmail-jdk14-129-workaround.jar*
bcmail-jdk14-129.jar*
commons-collections-2.1.1.jar*
commons-dbcp-1.2.1.jar*
commons-pool-1.2.jar*
concurrent-1.3.4.jar*
cornerstone-connection-api-2.1.jar*
cornerstone-connection-impl-2.1.jar*
cornerstone-datasources-api-2.1.jar*
cornerstone-datasources-impl-2.1-patched.jar*
cornerstone-scheduler-api-2.1.jar*
cornerstone-scheduler-impl-2.1.jar*
cornerstone-sockets-api-2.1.jar*
cornerstone-sockets-impl-2.1-patched.jar*
cornerstone-store-api-2.1.jar*
cornerstone-store-impl-2.1.jar*
cornerstone-threads-api-2.1.jar*
cornerstone-threads-impl-2.1.jar*
derby.jar*
dnsjava-2.0.6.jar*
excalibur-datasource-2.1.jar*
excalibur-pool-api-2.1.jar*
excalibur-pool-impl-2.1.jar*
excalibur-thread-api-2.1.jar*
excalibur-thread-impl-2.1.jar*
jakarta-oro-2.0.8.jar*
james-2.3.2.jar*
mail-1.4.1.jar*
mailet-2.3.jar*
mailet-api-2.3.jar*

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/lib:
mail.jar*
mailet-2.3.jar*
mailet-api-2.3.jar*

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/resources:
config.xml*
keystore*
nhind.properties*
truststore*

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/src:
org/

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/src/org:
nhin/

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/src/org/nhin:

test/

PHIX_1_3_1_0/nhin-d-rest/JamesInterface/src/org/nhin/test:
Base64.java*
MailStore.java*
NhinMailet.java*
NhinMatcher.java*

PHIX_1_3_1_0/nhin-d-rest/driver:
README.TXT*
keys/
msgs/
nhin-d-rest-client.py*

PHIX_1_3_1_0/nhin-d-rest/driver/keys:
happy.crt*
happy.key*
happy.p12*
sunny.crt*
sunny.key*
sunny.p12*

PHIX_1_3_1_0/nhin-d-rest/driver/msgs:
from-drjones-to-drsmith.txt*
from-drmalec-to-drmoyer.txt*
from-drsmith-to-drjones.txt*
from-drsmith-to-drmalec.txt*
from-drsmith-to-drmoyer.txt*

PHIX_1_3_1_0/nhin-d-rest/rails:
README*
Rakefile*
TODO.txt*
app/
config/
db/
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lib/
public/
script/
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vendor/

PHIX_1_3_1_0/nhin-d-rest/rails/app:
controllers/
helpers/
models/
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PHIX_1_3_1_0/nhin-d-rest/rails/app/controllers:
application_controller.rb*
certs_controller.rb*
domains_controller.rb*
messages_controller.rb*
statuses_controller.rb*
user_sessions_controller.rb*
users_controller.rb*

PHIX_1_3_1_0/nhin-d-rest/rails/app/helpers:
application_helper.rb*
certs_helper.rb*
domains_helper.rb*
messages_helper.rb*
statuses_helper.rb*
user_sessions_helper.rb*
users_helper.rb*

PHIX_1_3_1_0/nhin-d-rest/rails/app/models:
cert.rb*
domain.rb*
message.rb*
mime_package.rb*
remote_hisp.rb*
status.rb*
user.rb*
user_session.rb*

PHIX_1_3_1_0/nhin-d-rest/rails/app/views:
certs/
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PHIX_1_3_1_0/nhin-d-rest/rails/app/views/certs:
index.atom.builder*

PHIX_1_3_1_0/nhin-d-rest/rails/app/views/domains:
edit.html.erb*
index.html.erb*
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PHIX_1_3_1_0/nhin-d-rest/rails/app/views/layouts:
domains.html.erb*
messages.html.erb*

PHIX_1_3_1_0/nhin-d-rest/rails/app/views/messages:
edit.html.erb*
index.atom.builder*
index.html.erb*
new.html.erb*
show.html.erb*

PHIX_1_3_1_0/nhin-d-rest/rails/app/views/user_sessions:
new.html.erb*

PHIX_1_3_1_0/nhin-d-rest/rails/app/views/users:
_form.erb*
edit.html.erb*
new.html.erb*
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PHIX_1_3_1_0/nhin-d-rest/rails/config:
boot.rb*
database.yml*
environment.rb*
environments/
initializers/
locales/
routes.rb*

PHIX_1_3_1_0/nhin-d-rest/rails/config/environments:
development.rb*
production.rb*
test.rb*

PHIX_1_3_1_0/nhin-d-rest/rails/config/initializers:
backtrace_silencers.rb*
inflections.rb*
mime_types.rb*
new_rails_defaults.rb*
session_store.rb*

PHIX_1_3_1_0/nhin-d-rest/rails/config/locales:
en.yml*

PHIX_1_3_1_0/nhin-d-rest/rails/db:
migrate/
schema.rb*
seeds.rb*

PHIX_1_3_1_0/nhin-d-rest/rails/db/migrate:
20100428004943_create_messages.rb*
20100505150635_create_statuses.rb*
20100505182919_add_message_uuid_to_status.rb*

20100507225408_create_domains.rb*
20100511201622_add_from_to_messages.rb*
20100516143850_create_users.rb*
20100520230242_create_certs.rb*
data/

PHIX_1_3_1_0/nhin-d-rest/rails/db/migrate/data:
certs.yml*

PHIX_1_3_1_0/nhin-d-rest/rails/doc:
README_FOR_APP*

PHIX_1_3_1_0/nhin-d-rest/rails/lib:
tasks/

PHIX_1_3_1_0/nhin-d-rest/rails/lib/tasks:
rspec.rake*

PHIX_1_3_1_0/nhin-d-rest/rails/public:
404.html*
422.html*
500.html*
favicon.ico*
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index.html*
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PHIX_1_3_1_0/nhin-d-rest/rails/public/images:
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PHIX_1_3_1_0/nhin-d-rest/rails/public/javascripts:
application.js*
controls.js*
dragdrop.js*
effects.js*
prototype.js*

PHIX_1_3_1_0/nhin-d-rest/rails/public/stylesheets:
scaffold.css*

PHIX_1_3_1_0/nhin-d-rest/rails/script:
about*
autospec*
console*
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performance/
plugin*
runner*
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PHIX_1_3_1_0/nhin-d-rest/rails/script/performance:
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PHIX_1_3_1_0/nhin-d-rest/rails/test:
fixtures/
functional/
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performance/
test_helper.rb*
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PHIX_1_3_1_0/nhin-d-rest/rails/test/fixtures:
certs.yml*
domains.yml*
messages.yml*
statuses.yml*
users.yml*

PHIX_1_3_1_0/nhin-d-rest/rails/test/functional:
certs_controller_test.rb*
domains_controller_test.rb*
messages_controller_test.rb*
statuses_controller_test.rb*
user_sessions_controller_test.rb*
users_controller_test.rb*

PHIX_1_3_1_0/nhin-d-rest/rails/test/integration:
certs_test.rb*
messages_test.rb*
remote_hisp_test.rb*

PHIX_1_3_1_0/nhin-d-rest/rails/test/performance:
browsing_test.rb*

PHIX_1_3_1_0/nhin-d-rest/rails/test/unit:
cert_test.rb*
domain_test.rb*
helpers/
message_test.rb*
status_test.rb*
user_test.rb*

PHIX_1_3_1_0/nhin-d-rest/rails/test/unit/helpers:
certs_helper_test.rb*
domains_helper_test.rb*
messages_helper_test.rb*
statuses_helper_test.rb*
user_sessions_helper_test.rb*
users_helper_test.rb*

PHIX_1_3_1_0/nhin-d-rest/rails/vendor:
plugins/

PHIX_1_3_1_0/nhin-d-rest/rails/vendor/plugins:
atom_feed_helper/

PHIX_1_3_1_0/nhin-d-rest/rails/vendor/plugins/atom_feed_helper:
CHANGELOG*
MIT-LICENSE*
README*
Rakefile*
init.rb*
lib/
test/

PHIX_1_3_1_0/nhin-d-rest/rails/vendor/plugins/atom_feed_helper/lib:
atom_feed_helper.rb*

PHIX_1_3_1_0/nhin-d-rest/rails/vendor/plugins/atom_feed_helper/test:
atom_feed_helper_test.rb*

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc:
README.TXT*
etc/
phixdirect.bat*
pom.xml*
src/
srvany.exe*
support/
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PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/etc:
ca.crt*
domain.properties*
endpoint-ca.jks*
keystore*
smtp.properties*
stores/
truststore*
webserver.csr*
webserver.pem*

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/etc/stores:
happyserver.crt*
happyserver.csr*
happystore*
nhintestca/
sunnyserver.crt*
sunnyserver.csr*

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/etc/stores/nhintestca:
hisp-a-keystore*
hisp-b-keystore*
hisp-c-keystore*
hisp-d-keystore*
truststore*

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src:
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PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/main:
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PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/main/java:
org/

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/main/java/org:
nhindirect/

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/main/java/org/nhindirect:
platform/

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/main/java/org/nhindirect/platform:
CertificateException.java*
CertificateService.java*
DomainService.java*
HealthAddress.java*
Message.java*
MessageService.java*
MessageServiceException.java*
MessageStatus.java*
MessageStore.java*
MessageStoreException.java*
auth/
basic/
mailutil/
rest/

security/

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/main/java/org/nhindirect/platform/auth:
NhinDirectTrustedUserDetailsService.java*

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/main/java/org/nhindirect/platform/basic:
AbstractUserAwareClass.java*
BasicCertificateService.java*
BasicDomainService.java*
BasicFileMessageStore.java*
BasicMessageService.java*

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/main/java/org/nhindirect/platform/mailutil:
MailClient.java*
NhinSSLSocketFactory.java*

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/main/java/org/nhindirect/platform/rest:
AbstractNhinDirectController.java*
CertificateAtomView.java*
MessageAtomView.java*
NhinDirect10Controller.java*
RestClient.java*

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/main/java/org/nhindirect/platform/security:
agent/

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/main/java/org/nhindirect/platform/security/agent:
AgentException.java*
CertificateServiceAdapter.java*
CertificateStoreAdapter.java*
NhinDAgentAdapter.java*
TrustSettingsStoreAdapter.java*

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/main/resources:
log4j.properties*

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/main/webapp:
WEB-INF/

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/main/webapp/WEB-INF:
nhin-d-rest-security.xml*
nhin-d-rest-servlet.xml*
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PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/test:
java/
resources/

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/test/java:

org/

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/test/java/org:
nhindirect/

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NhinDAgentTest.java*
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PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/test/java/org/nhindirect/platform/basic:
TestBasicCertificateService.java*

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/test/java/org/nhindirect/platform/rest:
NhinDirect10ControllerTest.java*

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/src/test/resources:
MultipartMimeMessage.txt*
bob.jks*
chris.jks*
user-truststore.jks*

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/support:
jce_policy-6.zip*
nhin-d-agent-1.0.0-SNAPSHOT.jar*

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/target:
classes/
test-classes/

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/target/classes:
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PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/target/classes/org:
nhindirect/

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/target/classes/org/nhindirect:
platform/

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/target/classes/org/nhindirect/platform:
auth/
basic/
mailutil/
rest/
security/

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/target/classes/org/nhindirect/platform/auth:

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/target/classes/org/nhindirect/platform/basic:

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/target/classes/org/nhindirect/platform/mailutil:

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PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/target/classes/org/nhindirect/platform/security:
agent/

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/target/classes/org/nhindirect/platform/security/agent:

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/target/test-classes:
org/

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/target/test-classes/org:
nhindirect/

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/target/test-classes/org/nhindirect:
platform/

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/target/test-classes/org/nhindirect/platform:
basic/
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PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/target/test-classes/org/nhindirect/platform/basic:

PHIX_1_3_1_0/nhin-d-rest/spring-maven-poc/target/test-classes/org/nhindirect/platform/rest:

PHIX_1_3_1_0/services:
ComponentRoutingService.war*
StructuralValidationService.war*