United States District Court NORTHERN DISTRICT OF CALIFORNIA The Java Class Libraries TRIAL EXHIBIT 1028 CASE NO. 10-03561 WHA Java 2 Platform - Standard Edition - 5.0 Patrick Chan Rosanna Lee DATE ENTERED_ DEPUTY CLERK java.util java.lang java.text java.security java.math java.net · Serializable 🔳 ·· Cloneable ·· Serializable 🛅 Comparable ·· Collection -Annotation · Serializable 圊 MathContext - Authenticator -AbstractCollection –AccessControlContext · Iterable 👚 -CacheRequest -AttributedCharacterIterator.Attribute Comparable AccessController Character -AbstractList ---··· List -AttributedString -CacheResponse -AlgorithmParameterGenerator -Enum 🛞 · AnnotatedElement -Character.Subset -AbstractSequentialList ·· Serializable 🌘 · Cloneable 🙊 SecureCacheResponse RoundingMod - AlgorithmParameterGeneratorSpi GenericDeclaration Class o Breaklterator ··· Queue -ContentHandler Number 🛞 -AlgorithmParameters ClassLoader LinkedLis ··· RandomAccess CollationElementIterator -CookieHandler -BigDecima -AlgorithmParametersSp ·· Serializable 🖪 Compiler -ArrayList - CollationKey – DatagramPacket Comparable CodeSigner ○ |-Enum --Vector · -Collator DatagramSocket · Serializable 🖪 Comparator -CodeSource -• -Math └-Stack □RuleBasedCollator └ MulticastSocket SocketOptions -GuardedObject ○ -Number -AbstractQueue · -DateFormatSymbols -DatagramSocketImpl -KeyFactory └ PriorityQueue Appendable DecimalFormatSymbols -InetAddress --- KeyFactorySpi -Double -AbstractSet -Cloneable Inet4Address -FieldPosition KeyPair ····· -Float --Deprecated -EnumSet -Format ····· Inet6Address - KeyPairGeneratorSpi -HashSet Iterable |- DateFormat AttributedCharacterIterator NetworkInterface ContentHandlerFactory └ KeyPairGenerator -Long -Override LinkedHashSet Мар └SimpleDateFormat PasswordAuthentication DatagramSocketImplFactory -KeyRep -javax.xml -Short Readable LTreeSet -··· SortedSet -MessageFormat FileNameMap -KeyStore -Package -AbstractMap └NumberFormat –ProxySelector SocketImplFactory -KeyStoreSpi o -Process -EnumMap -ChoiceFormat ResponseCache URLStreamHandlerFactory -MessageDigestSpi ProcessBuilder -HashMap -ServerSocket -DecimalFormat MessageDigest -Runtime └LinkedHashMap -Socket ParsePosition LXMLConstants -Permission --SecurityManager -IdentityHashMap **HAllPermission** -SocketAddress LStringCharacterIterator - CharacterIterator StackTraceElement -TreeMap -··· SortedMap -BasicPermission StrictMath └WeakHashMap ··· CharSequence -SocketImpl -└ SecurityPermission -Arrays ···· Comparable 强 • |-URI ---└ UnresolvedPermission -BitSet javax.xml.datatype StringBuffer ··· Comparable 😤 • -URL --PermissionCollection -**DomainCombiner** StringBuilder -Calendar ·· -URLConnection • Permissions └GregorianCalendar System -HttpURLConnection Object 🛞 Policy Principal -Thread -Collections Runnable Comparator L-JarURLConnection –DatatypeConstants -ProtectionDomain PrivateKey Thread.UncaughtExceptionHandle avax.management -ThreadGroup Currency Formattable SecureRandomSpi -URLDecoder DatatypeFactory PrivilegedAction -ThreadLocal ListIterator -URLEncoder Security PrivilegedExceptionAction Duration └ InheritableThreadLocal ○ Dictionary Observer -URLStreamHandler -SignatureSpi PublicKey XMLGregorianCalenda Cloneable 强 -Throwable --└-Hashtable -ClassLoader 🖈 Serializable └ Signature -Error └ Properties SecureClassLoader (1) NotificationFilter SignedObject Exception -EventListenerProxy ··· EventListener -AttributeChangeNotificationFilter ---LURLClassLoader Timestamp **L** RuntimeException -EventObject -Permission ... -ClassLoader ValueExp -FormattableFlags avax.xml.namespace SocketPermission □ SecureClassLoade AttributeValueExp ·· Closeable 🌘 ○ Permission (1) Formatter ☐BasicPermission (1) MBeanFeatureInfo Cloneable -Dictionary ·· Flushable 🥞 □ BasicPermission (1) Locale ···· ·· Cloneable 🦮 NetPermission └Hashtable ⊚ -MBeanAttributeInfo NamespaceContex. RuntimePermission -Observable Мар 💿 □QName └ Properties MBeanConstructorInfo Descriptor Serializable 🛅 -Random -○ ResourceBundle -MBeanOperationInfo MBeanRegistration ⊢AuthProvider ·· Closeable 🔳 -ListResourceBundle –inputStream 👸 ···· -MBeanParameterInfo MBeanServer PropertyResourceBundle java.lang.annotation javax.net MBeanInfo --FilterInputStream Scanner javax.xml.parsers Iterator NotificationBroadcaster □ DigestInputStream MBeanServerBuilder StringTokenizer ··· Enumeration Object 🛞 NotificationEmitter Object 😭 ····· Flushable 🔳 –OutputStream 🛅 ···· Comparable 9 ⊢ServerSocketFactory · MBeanServerDelegateMBean Object 😠 **MBeanServerDelegate** o LEnum 💮 └FilterOutputStream (■ ○ TimerTask· Serializable 👩 · Runnable 🖈 SocketFactory DocumentBuilder └ DigestOutputStream ElementType MBeanServerFactory ○ -TimeZone · DocumentBuilderFactory InvocationHandler **1 RetentionPolicy -Random 💿 ···· -MBeanServerInvocationHandler └ SimpleTimeZone –SAXParser -NotificationBroadcasterSupport -----–UUID ··· SAXParserFactory Annotation Documented Inherited Retention Target -NotificationFilterSupport ○ Permission (1) -ObjectInstance javax.net.ssl **QueryExp** -ObjectName ··· PropertyPermission java.security.cert java.lang.instrument ·· ManagerFactoryParameters Object 🛞 -QueryEval · -CertPathTrustManagerParameters javax.xml.transform -StandardMBear DynamicMBean Object 😭 ·· Serializable 圊 ClassFileTransformer Object 🛞 -KeyManagerFactory - Certificate -StringValueExp └ClassDefinition -KeyManagerFactorySpi Object 💮 Instrumentation ErrorListener · Collection 💿 X509Extension java.util.concurrent -AbstractCollection -KeyStoreBuilderParameters |-OutputKeys Result · Iterable 🖈 └X509Certificate -SSLContext Transformer Source AbstractList List -CertificateFactory Object 🛞 -SSLContextSpi TransformerFactory SourceLocator └ArrayList · RandomAccess 📵 → CertificateFactorySpi Executor -SSLEngine Templates java.lang.management -AbstractExecutorService -CertPath ----PolicyNode - ExecutorService -SSLEngineResult URIResolver EventObject (a) CertPathBuilder -ThreadPoolExecutor Serializable 🖪 -TrustManagerFactory · Serializable 🔳 - CertPathBuilderSpi Object 💮 ClassLoadingMXBean □ ScheduledThreadPoolExecutor --- ScheduledExecutorService -TrustManagerFactorySpi AttributeChangeNotification -ManagementFactory -CertPathValidator CompilationMXBean · KeyManager ·· Collection 💿 X509ExtendedKeyManager MBeanServerNotification -MemoryNotificationInfo - CertPathValidatorSpi GarbageCollectorMXBean · X509KeyManager · Iterable 🖈 -EventObject 💿 ···· Permission 👔 ·· Guard (1) -CertStore -MemoryUsage · Cloneable 😭 javax.xml.transform.dom ··· Cloneable 👚 HandshakeCompletedEvent -MBeanPermission ······ Serializable 👼 - CertStoreSpi - CertStoreParameters -ThreadInfo -CopyOnWriteArrayList - List 💿 LSSLSessionBindingEvent MBeanServerConnection BasicPermission (1) -CollectionCertStoreParameters --○ -Enum 🖈 ·· ····· Comparable 強 -CountDownLatch **DOMLocator** Object 🛞 - RandomAccess 💿 -Permission ... ······ Guard 👔 –MBeanServerPermission NotificationListener CRL MemoryType -CyclicBarrier -DOMResult Result (1) ☐BasicPermission (1) MBeanTrustPermission PersistentMBean LX509CRL ○ Permission ······ Guard 👔 LDOMSource · -Exchanger □SSLPermission Source (1) -LDAPCertStoreParameters ○ □BasicPermission **1** ExecutorCompletionService **CompletionService** -ServerSocket 🚳 -PKIXCertPathChecker -ManagementPermission -Executors □SSLServerSocket -PKIXCertPathValidatorResult -Future · CertPathValidatorResult -FutureTask ServerSocketFactory @ MemoryManagerMXBean MemoryPoolMXBean └PKIXCertPathBuilderResult - Runnable 🛞 CertPathBuilderResult -Semaphore - □SSLServerSocketFactory OperatingSystemMXBean ThreadMXBean -PKIXParameters -· CertPathParameters javax.xml.transform.dom javax.management.loading -AbstractCollection @ -Socket @ HandshakeCompletedListener └PKIXBuilderParameters -AbstractQueue Queue O ∟SSLSocket HostnameVerifier -PolicyQualifierInfo Object 🛞 SSLSession - BlockingQueue -SocketFactory 691 -TrustAnchor -SAXResult o └ClassLoader 🖈 -ArrayBlockingQueue ∟SSLSocketFactory Result (1) SSLSessionBindingListener ClassLoaderRepository java.lang.ref -X509CertSelector · CertSelector ⊢SAXSource ·· └SecureClassLoader (-ConcurrentLinkedQueue -Callable URLConnection Source (B) 1 SSLSessionContext -X509CRLEntry TransformerFactory () MLetMBean TemplatesHandler -DelayQueue -Delayed HttpURLConnection @ TrustManager URLClassLoader @ Object 💮 X509CRLSelector ···· CRLSelector SAXTransformerFactory TransformerHandler -LinkedBlockingQueue · X509TrustManager · Externalizable 🖪 RejectedExecutionHandler HttpsURLConnection Reference PriorityBlockingQueue ScheduledFuture MBeanRegistration -PhantomReference -SynchronousQueue -ThreadFactory - Serializable 🖪 -SoftReference -PrivateMLet -AbstractSet 💿 -· PrivateClassLoader java.security.interfaces -WeakReference └ CopyOnWriteArraySet ReferenceQueue javax.xml.transform.stream - AbstractMap 💿 · ·· Мар 💿 DSAKey **RSAPrivateCrtKey** └ ConcurrentHashMar ·· ConcurrentMap DSAKeyPairGenerator ECPrivateKey **RSAPrivateKey** Object 🖈 ○ LEnum 😭 ·· Comparable 🛞 **DSAParams ECPublicKey RSAPublicKey** -StreamResult Result (1) LTimeUnit java.lang.reflect javax.management.modelmbean **DSAPrivateKey** StreamSource Source 🌘 javax.naming **DSAPublicKey** RSAMultiPrimePrivateCrtKey Object 💮 - Generic Declaration Object 🛞 Cloneable 🖈 AccessibleObject AnnotatedElement Serializable java.util.concurrent.atomic Member -DescriptorSupport Descriptor @ Object 🌸 Cloneable 🖈 javax.xml.validation java.security.spec **GenericArrayType** -Constructor ModelMBean Serializable -Field ··· ModelMBeanNotificationBroadcaster InvocationHandler Object 🛞 ··· Serializable 📵 Name Object 👚 AlgorithmParameterSpec -Method -Object 🜸 ParameterizedType -AtomicBoolean DynamicMBean @ Comparable |-DSAParameterSpec DSAParams 1 ∘ |-Schema Array RequiredModelMBear MBeanRegistration -CompositeName -AtomicIntegerArray KeySpec -Modifier -SchemaFactory NotificationBroadcaster @ · Serializable 🖪 - AtomicIntegerFieldUpdater -CompoundName · -DSAPrivateKeySpec -SchemaFactoryLoader -Proxy ···· NotificationEmitter -AtomicLongArray --InitialContext -· Context -DSAPublicKeySpec ○ Permission ··· Guard 📵 MBeanFeatureInfo @ PersistentMBean TypeInfoProvider AtomicLongFieldUpdater -NameClassPair -ECFieldF2m - BasicPermission (1) TypeVariable -MBeanAttributeInfo DescriptorAccess (-Validator -AtomicMarkableReference Binding -ECFieldFp --□ ReflectPermission ValidatorHandle ContentHandler (6)3 -RefAddr ····· └ ModelMBeanAttributeInfo WildcardType -AtomicReference ···· -ECGenParameterSpec -MBeanConstructorInfo @ · -AtomicReferenceArray |-BinaryRefAddr -ECParameterSpec └ModelMBeanConstructorInfo - AtomicReferenceFieldUpdater └StringRefAddr NameParser -ECPoint -MBeanNotificationInfo –AtomicStampedReference -Reference ··· NamingEnumeration -ECPrivateKeySpec ○ Number → [∟]LinkRef Referenceable -ECPublicKeySpec javax.xml.xpath -MBeanOperationInfo @ .. -AtomicInteger -EllipticCurve └ ModelMBeanOperationInfo -AtomicLong -EncodedKeySpec Object 🛞 **XPath** MBeanInfo @ ... -PKCS8EncodedKeySpec XPathExpression -XPathConstants -ModelMBeanInfoSupport - ModelMBeanInfo X509EncodedKeySpec javax.naming.directory **XPathFunction** MGF1ParameterSpec ava.util.concurrent.locks -PSSParameterSpec --Object 🛞 · Serializable 🔳 -RSAKeyGenParameterSpec -:----- Cloneable 🖈 -RSAOtherPrimeInfo Serializable Object 👚 · Serializable 🗂 Attribute -RSAPrivateKeySpec javax.management.monitor ·· Comparable 🦟 AbstractQueuedSynchronizer BasicAttributes Attributes -RSAMultiPrimePrivateCrtKeySpec -ModificationItem · LockSupport Condition org.w3c.dom LRSAPrivateCrtKeySpec FileDescriptor Object 🖈 ·Closeable SearchControls ·· -RSAPublicKeySpec --EventObject Serializable -InputStream ---ReentrantReadWriteLock -InitialContext (· Context @ReadWriteLock -ByteArrayInputStream ─Notification ■ **DOMErrorHandler** NamedNodeMap └ InitialDirContext DirContext **CDATASection** -FileInputStream └─MonitorNotification **DOMImplementation** NameList -NameClassPair (-FilterInputStream NotificationBroadcaster @ CharacterData **DOMImplementationList** └Binding @ NotificationBroadcasterSupport @ Comment javax.crypto -BufferedInputStream NotificationEmitter NodeList · DataInput **DOMImplementationSource** └-SearchResult Document java.util.jar MonitorMBean -DataInputStream ----**DOMLocator** DocumentFragment ProcessingInstruction Object 🛞 MBeanRegistration @ -PushbackInputStream · ObjectStreamConstants **DOMStringList** DocumentType Cipher └NullCipher -CounterMonitor CounterMonitorMBean -ObjectInputStream · ObjectInput Object 🛞 ··· Cloneable 🛞 **DOMConfiguration** TypeInfo GaugeMonitor GaugeMonitorMBean PipedInputStream -Attributes -··· Мар 💿 **DOMError** UserDataHandler -CipherSpi StringMonitorMBean -StringMonitor └SequenceInputStream Flushable javax.naming.event **EntityReference** -Manifest -ObjectStreamClass ····· EncryptedPrivateKeyInfo Pack200 ··· Closeable 🌘 -ObjectStreamField ---ExemptionMechanism Object 💮 □ InputStream 🐻 · -OutputStream → ExemptionMechanismSpi └EventObject ⊚ Serializable 👩 FilterInputStream -ByteArrayOutputStream org.w3c.dom.bootstrap KeyAgreement **EventContext** –NamingEvent └InflaterInputStream -FileOutputStream KeyAgreementSpi NamingExceptionEvent **EventDirContext** └ZipInputStream javax.management.openmbean -FilterOutputStream -KeyGenerator Appendable 🖈 NamespaceChangeListener ⊢BufferedOutputStream -KeyGeneratorSpi · DataOutput LDOMImplementationRegistry NamingListener -OutputStream 📻 🛶 Flushable 🔳 · Cloneable 🛞 -DataOutputStream --FilterOutputStream -CompositeDataSupport · CompositeData -MacSpi -PrintStream ···· └ DeflaterOutputStream -OpenType ·· -SealedObject -ObjectOutputStream · ObjectOutput Serializable └ZipOutputStream ⊚ ¹ –ArrayType -SecretKeyFactory └PipedOutputStream -CompositeType -SecretKeyFactorySpi -RandomAccessFile ··· · Closeable 🖪 org.w3c.dom.events javax.naming.ldap -SimpleType -Reader ···· Readable (-InputStream 🐻 ··· └JarEntry · Cloneable 🚼 FilterInputStream -BufferedReader **TabularData** -ZipFile 1 DocumentEvent EventListener MouseEvent UIEvent -Tabular Data Support └ CipherInputStream └LineNumberReader · Serializable 👩 Map 💿 EventTarget MutationEvent [∟]JarFile MBeanFeatureInfo @ -BasicControl --CharArrayReader └OutputStream (.... Flushable 🗐 ·· Control · OpenMBeanParameterInfo -MBeanAttributeInfo └FilterOutputStream (=) FilterReader -ManageReferralControl └OpenMBeanAttributeInfoSupport ···· ··· OpenMBeanAttributeInfo └PushbackReader └ CipherOutputStream SecretKey PagedResultsControl HasControls -MBeanConstructorInfo @ --InputStreamReader PagedResultsResponseControl UnsolicitedNotification org.w3c.dom.ls · OpenMBeanConstructorInfo └ OpenMBeanConstructorInfoSupport └ FileReader java.util.logging -SortControl UnsolicitedNotificationListener -MBeanOperationInfo @ -PipedReader Externalizable └ SortResponseControl ··· Comparable 強 javax.crypto.interfaces └ OpenMBeanOperationInfoSupport ···· · OpenMBeanOperationInfo LSSerializer DOMImplementationLS LSParser □StringReader FileFilter -ControlFactory Object 🛪 ··· Cloneable 🛞 LSParserFilter LSSerializerFilter -MBeanParameterInfo @ ... LSInput -StreamTokenizer FilenameFilter -LdapName |-ErrorManager · Name 🛑 └ OpenMBeanParameterInfoSupport ····· LSProgressEvent -Writer ···· LSLoadEvent ObjectInputValidation DHKey DHPrivateKey DHPublicKey PBEKey Formatter **LSResourceResolver** MBeanInfo @ ... LSOutput -BufferedWriter -SortKey -SimpleFormatter └ OpenMBeanInfoSupport · · OpenMBeanInfo -CharArrayWriter -StartTlsRequest -··· ExtendedRequest -XMLFormatter FilterWriter -StartTIsResponse ··· ExtendedResponse -Handler LoggingMXBean javax.crypto.spec -OutputStreamWriter -EventObject 💿 · -MemoryHandler org.xml.sax └ FileWriter └ UnsolicitedNotificationEvent -StreamHandler Object 🛞 KeySpec 1 2 -PipedWriter InitialContext ·· Context 🥮 -ConsoleHandler |-DESedeKeySpec -PrintWriter └ InitialDirContext - DirContext @ 1 javax.management.relation Object 🛞 -FileHandler -DESKeySpec ···· StringWriter AlgorithmParameterSpec (1) └ InitialLdapContext LdapContext └ InputSource ···· Serializable 圊 -DHGenParameterSpec ○ Permission Guard (1) MBeanRegistration @ Object 💮 -DHParameterSpec FilePermission DTDHandler ErrorHandler XMLFilter -Logger Relation -DHPrivateKeySpec ContentHandler EntityResolver Locator BasicPermission (1) -RelationSupport --LogManager RelationSupportMBean -DHPublicKeySpec · SerializablePermission –LogRecord --· Serializable 🐻 -IvParameterSpec javax.naming.spi o └Permission **®** RelationTypeSupport ·· RelationType -OAEPParameterSpec ○ BasicPermission □ -PBEKeySpec -DirObjectFactory org.xml.sax.ext Object 💮 └ LoggingPermission -RoleInfo -PBEParameterSpec ⊢NamingManager DirStateFactory java.nio RoleResult -PSource □ DirectoryManager InitialContextFactory Object 👚 -RoleStatus -RC2ParameterSpec ResolveResult -Serializable -AttributesImpl @ 4 -Attributes 193 Object 🛞 :- Key 📵 -RoleUnresolved RC5ParameterSpec InitialContextFactoryBuilder -Attributes2Impl Attributes2 ⊢Buffer ·· Comparable 🛞 - Collection 💿 SecretKeySpec java.util.prefs - SecretKey (1) -AbstractCollection **ObjectFactory** ·· ContentHandler 🌘 3 -ByteBuffer · Iterable 🖈 · Serializable 🕞 ·· DTDHandler 🌘 🤅 └ MappedByteBuffer Appendable 🖈 -AbstractList ·· List 💿 -DefaultHandler 🌘 4 -Resolver ·· EntityResolver 🥛 Object 💮 NodeChangeListener -CharBuffer ·· CharSequence 😠 ·· Cloneable 🛞 ArrayList StateFactory PreferenceChangeListener ·· ErrorHandler 🥚 ○ | Preferences DoubleBuffer · Readable 👚 RandomAccess · DeclHandler -FloatBuffer -RoleList PreferencesFactory javax.security.auth DefaultHandler2 EntityResolver2 EventObject RoleUnresolvedList -IntBuffer · Serializable 👩 LexicalHandler -NodeChangeEvent LongBuffe EventObject Object 🛞 ··· Serializable 📻 -LocatorImpl 🛑 · Locator (19)3 -PreferenceChangeEvent —ShortBuffe Subject --Locator2Impl Locator2 ByteOrder □ RelationNotification -SubjectDomainCombiner DomainCombiner NotificationBroadcaster @ ○ Permission (1) NotificationBroadcasterSupport NotificationEmitter @ PrivateCredentialPermission RelationServiceMBean ○ BasicPermission **1** java.util.regex Destroyable java.rmi -RelationService - EventListener 💿 java.nio.channels org.xml.sax.helpers LauthPermission Refreshable NotificationListener @ Object 🛞 NotificationFilterSupport @ . ··· NotificationFilter Object 💮 ByteChannel Object 😭 ·· ContentHandler 🌔 3 –Matcher MatchResult Channels GatheringByteChannel -AttributesImpl Attributes @ 3 Pattern · Serializable 👩 javax.security.auth.callback FileLock ReadableByteChannel – MarshalledObject Serializable ·· DTDHandler 🎒 3 -Pipe ScatteringByteChannel Naming - EntityResolver 🌘 SecurityManager 🛞 SelectionKey · WritableByteChannel · Callback -DefaultHandler .. ErrorHandler 🌘 Object 💮 ○ -Selector ·· Channel Serializable □RMISecurityManager Remote -LocatorImpl ---· Locator (19)3 AbstractInterruptibleChannel · InterruptibleChannel java.util.zip -ChoiceCallback javax.management.remote NamespaceSupport ·· XMLReader 🌘 FileChannel --· Closeable 🔳 -ConfirmationCallback -ParserAdapter --SelectableChannel -LanguageCallback --XMLFilterImpl -XMLFilter @ 3 Object 👚 Object 🛞 ······ Checksum –NameCallback ·· -XMLReaderAdapter -Adler32 java.rmi.activation -DatagramChannel --PasswordCallback LXMLReaderFactory :----Serializable -CRC32 DeflaterInflater -JMXPrincipa -SocketChannel Object 🛞 · Serializable 🔳 LTextOutputCallback CallbackHandler -JMXServiceURL ActivationDesc -ZipEntry -NotificationResult **JMXAuthenticator** ·· Cloneable 🐘 ActivationGroupDesc ActivationMonitor **JMXConnector** -ZipFile TargetedNotification ··· Closeable 🖪 -ActivationGroupID ActivationSystem **JMXConnectorProvider** -EventObject 💿 ·· - InputStream 🗂 -javax.security.auth.kerberos -ActivationID ... Activator └Notification @ java.nio.charset JMXConnectorServerProvider FilterInputStream RemoteObject @ 1 ··· Remote 🌚 MBeanServerForwarder -CheckedInputStream RemoteServer @ 1 Object 💮 Serializable NotificationBroadcaster InflaterInputStream NotificationBroadcasterSupport @ -Activatable Destroyable NotificationEmitter ○ |-Charset Comparable 🖈 -GZIPInputStream UnicastRemoteObject ·· ActivationInstantiator · Key 👔 -JMXConnectorServerMBean CharsetDecoder □ZipInputStream KerberosKey -JMXConnectorServer └ ActivationGroup - SecretKey 📵 3 MBeanRegistration CharsetEncoder –OutputStream 問 ····· -----Flushable 🕞Principal 🕦 ○ □RemoteStub ⊚ ¹ KerberosPrincipal –FilterOutputStream 👨 -CoderResult Permission (1) ······ Guard 📵 LActivationGroup_Stub -KerberosTicket └ CodingErrorAction ○ □BasicPermission **(1)** -CheckedOutputStream ○ Permission **(** ...• Guard 📵 SubjectDelegationPermission □ DeflaterOutputStream ServicePermission -GZIPOutputStream ○ BasicPermission (1) LZipOutputStream DelegationPermission java.nio.channels.spi java.rmi.dgc The Java™ Class Libraries Poster • 8th Edition Object 🛞 · Channel 📵 1 Object 🖈 ·· Serializable 👨 Java 2 Platform ■ Standard Edition ■ 5.0 javax.management.remote.rmi –AbstractInterruptibleChannel Closeable 🖪 • |-Leasejavax.security.auth.login └SelectableChannel (=)1 InterruptibleChannel <a>[► VMID · java.sql ·· Remote @ -SelectorProvider |-AppConfigurationEntry -RMIConnectionImp ... Unreferenced @ 1 SelectionKey ·· Serializable 🗂 -Configuration LAbstractSelectionKey **RMIConnector** JMXConnector 2 └ LoginContext java.rmi.registry ○ Selector 🛅 1 Object 🖈 Class 🛞 ····· RMIServer LAbstractSelector -DriverManager Blob -RMIServerImpl Subclass - ← ---- Interface -DriverPropertyInfo -RMIIIOPServerImpl ··· Serializable 🔳 -Types LocateRegistry RMIJRMPServerImpl javax.security.auth.sp ·· Cloneable 🜸 NotificationBroadcaster -Date 💿 NotificationBroadcasterSupport (·· Comparable 😠 NotificationEmitter -Date java.nio.charset.sp LoginModule JMXConnectorServerMBean -Time interface at top of line -JMXConnectorServer └-Timestamp MBeanRegistration □RMIConnectorServer Object 🛞 Class or Interface introduced in J2SE 5.0 java.rmi.server ○ Permission •---- Guard 📵 RemoteObject @ 1 ... ○ LCharsetProvider Class or Interface contains member(s) introduced in J2SE 5.0 □ BasicPermission (1) javax.security.auth.x500 ○ LRemoteStub ⊚ ¹ LSQLPermission Object 🛞 · Serializable 👩 RMIConnectionImpl_Stub ------⊢ObjID ··· RMIServerImpl_Stub ··· ava.security.acl; javax.accessibility; javax.activity; CallableStatement ResultSet SQLInput -RemoteObject --Remote avax.imageio.*; javax.print.*; javax.rmi.CORBA, Clob ParameterMetaData ResultSetMetaData SQLOutput Principal (1) avax.security.cert, javax.sound.*, javax.swing.* -RemoteObjectInvocationHandler −X500Principal InvocationHandler ®1 Connection PreparedStatement Savepoint all inner classes; all errors and exceptions; · Serializable 🐻 Statement -RemoteServer RemoteRef DatabaseMetaData Ref all deprecated classes and interfaces. LX500PrivateCredential · Destroyable (1) Struct └UnicastRemoteObject RMIFailureHandler javax.sql.rowset.serial └-RemoteStub ServerRef ...from the Source -RMIClassLoader Unreferenced javax.management.timer -RMIClassLoaderSpi Cloneable **RMIClientSocketFactory** Object 🛞 javax.security.sasl javax.sql -RMISocketFactory · Serializable 🖪 Object 💮 RMIServerSocketFactory LUID ... -SerialArray The Java Series is supported, endorsed, and authored by the -EventObject Serializable (6) ··· Array 🌐 Callback 1 5 Object 🖈 -SerialBlob Blob 📵 Object 🛞 eators of the Java technology at Sun Microsystems, Inc. It is the Serializable 🔳 └ EventObject Serializable 🐻 -SerialClob-└TimerNotification ---- Clob 📵 -AuthorizeCallback NotificationBroadcaster -ConnectionEvent -SerialDatalink ConnectionEventListener -NotificationBroadcasterSupport NotificationEmitter RowSetEvent -SerialJavaObject **TimerMBean** formation you need to build effective, robust, and portable -ChoiceCallback 1 5 SaslClient javax.rmi -SerialRef -···· Ref 📵 MBeanRegistration @ ConnectionPoolDataSource └ RealmChoiceCallback SaslClientFactory pplications and applets. The series is an indispensable RowSetMetaData XAConnection -SerialStruct ····· Struct RowSetInternal RowSetReader DataSource -TextInputCallback 📵 5 SaslServer Object 🛞 esource for anyone targeting the Java 2 Platform SQLInput 🌐 -SQLInputImpl **PooledConnection** RowSetListener RowSetWriter └ RealmCallback └ PortableRemoteObject SaslServerFactory -SQLOutputImpl SQLOutput @ org.ietf.jgss javax.sgl.rowset javax.sql.rowset.spi javax.rmi.ssl avax.transaction.xa Object 🛞 ·· Serializable 🕞 Object 🛞 Object 🛞 SyncResolver -BaseRowSet |-ChannelBinding ···· Cloneable 🛞 Object 🛞 -SyncFactory **TransactionalWriter** ·· ResultSetMetaData 📵 RMIClientSocketFactory @ -GSSManager **GSSContext** 978 - 0 - 321 - 30478 - 0 0 - 321 - 30478 - 0 ISBN 13: 978-0-321-30478--SsIRMIClientSocketFactory SyncProvider **XmlReader** - RowSetMetaData Serializable -MessageProp **GSSCredential XAResource XmlWriter** SsIRMIServerSocketFactory · RMIServerSocketFactory @ 1 GSSName CachedRowSet JdbcRowSet JoinRowSet WebRowSet FilteredRowSet Joinable \$19.99 USA / \$23.99 CANADA S19.99 USA / S23.99 CANADA