## 新旧API対応表

リライトツールは変換元アプリケーションにおいて、Struts1、SASrutsのAPIを使用している個所を、互換ライブラリのAPIを使用するように変換します。 本書は、どのStruts1、SASrutsのAPIが、どの互換ライブラリのAPIに変換されるかを定義したものです。

本書は、どのStruts1, SAStrutsのAF					
No フレーム ワーク	パッケージ	変換元: Struts1, SAStrutsのAPI クラス、メソッド名	パッケージ	変換後: 血漿ライブラリのAPI クラス、メソッド名	備考
1 Struts1	org.apache.struts.action	Action is Cancelled (MttpSendetRequest)	oscana.s2n.struts.action	Action.isCancelled(HttpServletRequest)	
2 3		Action.saveMessages(HttpServletRequest,ActionMessages) Action.saveErrors(HttpServletRequest,ActionMessages)		Action.saveMessages(HttpServletRequest,ActionMessages) Action.saveErrors(HttpServletRequest,ActionMessages)	
3 4		Action.saveErrors(HttpSession,ActionMessages) ActionErrors()		Action.saveErrors(HttpSession,ActionMessages) ActionErrors()	
6				ActionErrors(ActionErrors)	
7		ActionForm.reset(ActionMapping, HttpServletRequest) ActionForm.reset(ActionMapping, ServletRequest) ActionForm.validate(ActionMapping, ServletRequest)		ActionForm.reset(ActionMapping,HttpServletRequest) ActionForm.reset(ActionMapping,ServletRequest) ActionForm.validate(ActionMapping,ServletRequest)	
9		ActionForm.validate(ActionMapping,ServietRequest)		ActionForm.validate(ActionMapping,ServletRequest)	
10		ActionForm.validate(ActionMapping, HttpServletRequest) ActionFormard(MttpRequest ExecutionContext)		ActionForm.validate(ActionMapping, HttpServletRequest)	
12		ActionForm.validate(ActionMapping, HttpServletRequest) ActionForward(HttpRequest, ExecutionContext) ActionForward(String)		ActionForm.validate(ActionMapping, HttpServletRequest) ActionForward(HttpRequest, ExecutionContext) ActionForward(String)	
13	org.apache.struts.config				
15	org.apache.struts.comig	ForwardConfig.getName() ForwardConfig.setName(String)		ActionForward.getName() ActionForward.setName(String)	
16		ForwardConfig.getPath() ForwardConfig.setPath(String)		ActionForward.getPath()	
18		ActionConfig.getName()		ActionForward.setPath(String) ActionMapping.getName()	
19		ActionConfig.setName(String) ActionConfig.getType()		ActionMapping.setName(String) ActionMapping.getType()	
21		ActionConfig.getPath()		ActionMapping.getPath()	
22					
24		ActionConfig.getAttribute() ActionConfig.getParameter()		ActionMapping.getAttribute() ActionMapping.getParameter()	
25					
27		ActionConfig.setValidate(boolean) ActionConfig.setParameter(String)		ActionMapping.setValidate(boolean) ActionMapping.setParameter(String)	
28					
30		ActionConfig.setScope(String) ActionConfig.getScope() ActionConfig.getValidate()		ActionMapping.setScope(String) ActionMapping.setScope() ActionMapping.isValidate()	
31	org.apache.struts.action	ActionConfig.getValidate() ActionManning findEnguard(String)		ActionMapping.isValidate() ActionMapping.findEcourard(String)	
33	G g.upuche	ActionMapping.findForward(String) ActionMessage(String,Object,Object,Object,Object) ActionMessage(String,Object,Object,Object)		ActionMapping.findForward(String) ActionMessage(String,Object,Object,Object,Object) ActionMessage(String,Object,Object,Object)	
34		ActionMessage(String,Object,Object,Object) ActionMessage(String,Object(I))		ActionMessage(String,Object,Object,Object) ActionMessage(String,Object(I))	
36		ActionMessage(String,Object[]) ActionMessage(String,boolean)		ActionMessage(String, Object[]) ActionMessage(String, boolean)	
37		ActionMessage(String) ActionMessage(String,Object)		ActionMessage(String) ActionMessage(String Object)	
39		ActionMessage(String,Object,Object) ActionMessage.toString()		ActionMessage(String,Object,Object) ActionMessage.toString()	
40		ActionMessage.toString() ActionMessage.getKey()		ActionMessage.toString() ActionMessage.getKey()	
42	1	ActionMessage.getValues()		ActionMessage.getValues()	
43	1	ActionMessage.isResource()		ActionMessage.isResource() ActionMessages()	
45	1	ActionMessages/ActionMessages) ActionMessages, ActionMessages ActionMessages, add(ActionMessages)		ActionMessages(ActionMessages)	
46	1	ActionMessages.add(ActionMessages) ActionMessages.add(String,ActionMessage)		ActionMessages.add(ActionMessages) ActionMessages.add(String,ActionMessage)	
48	1	ActionMessages.add(String,String)		ActionMessages.add(String,String)	
50	1	ActionMessages.clear() ActionMessages isFmntv()		ActionMessages.clear() ActionMessages.isEmpty()	
51		ActionMessages.istmpty() ActionMessages.istmpty() FormFile.destroy()		ActionMessages.is:mpty() ActionMessages.is:empty() FormFile.destroy()	
52	org.apache.struts.upload		oscana.s2n.struts.upload		+
54	1	FormFile.getInputStream() FormFile.getContentType()		FormFile_getfileName() FormFile_getf (eName() FormFile_getContentType()	
55	1				+
57	1	FormFile.setFileName(String)		FormFile.setFileName(String)	
58	1	FormFile.getFileSize()		FormFile.getFileSize()	
60	org.apache.struts.util	FUNITHIE GETHEUSTAIN LabelValueBean. CASE_INSENSITIVE_ORDER LabelValueBean (String, String)	oscana.s2n.struts.util	Froming Reger recording LabelValueBean.CASE_INSENSITIVE_ORDER LabelValueBean(String,String)	
61		LabelValueBean(String,String) LabelValueBean()		LabelValueBean(String, String) LabelValueBean()	
63		LabelValueBean.equals(Object)		Label ValueBean.equals(Object)	
64	1	LabelValueBean.equals(Object) LabelValueBean.toString() LabelValueBean.hashCode()		LabelValueBean.equals(Object) LabelValueBean.toString() LabelValueBean.hashCode()	
66					
67		LabelValueBean.getValue() LabelValueBean.getValue(String)		LabelValueBean.getValue() LabelValueBean.setValue(String)	
68					
70		LabelValueBean.getLabel()		LabelValueBean.getLabel() MessageResources.getMessage(String)	
71				MessageResources.getMessage(String) MessageResources.getMessage(Locale.String.Object())	
73		MessageResources.getMessage[Locale, String, Object[]) MessageResources.getMessage(Locale, String) MessageResources.getMessage(String, Object)		MessageResources.getMessage(Locale, String, Object[)) MessageResources.getMessage(Locale, String) MessageResources.getMessage(String, Object)	
74		MessageResources.getMessage(String,Object)			
				MessageResources.getMessage(String.Object, String)	
76		MessageResources.getMessageResources(String)		MessageResources.getMessage(String, Object, String) MessageResources.getMessageResources(String)	
76 77 SAStruts 78	org.seasar.extension.sql org.seasar.framework.beans.factory	MessageResources.getMessage(String,Object,Object) MessageResources.getMessageResources(String) SemicolonNotAlllowedRuntimeException() BeanDescFactory.getBeanDesc(Class)	oscana.s2n.seasar.extension.sql oscana.s2n.seasar.framework.beans.factory	MessageResources.getMessageResources(String) MessageResources.getMessageResources(String) SemicolonNotAllowedRuntimeException() BeanDaceFactory.getReanDescr(Class)	
5   5   7   7   8   8   9   9   9   9   9   9   9   9		Intersugeves ources, gentwessagel string, Object, Object; MessageResources, gettwessageResources (String) SemicolonNotAlllowedRuntimeException() BeanDesc Factory getBeanDesc (Class) BeanDesc Engl (Class)	oscana.s2n.seasar.extension.sql oscana.s2n.seasar.framework.beans.factory oscana.s2n.seasar.framework.beans	MessageResources.getMessageResources(String) MessageResources.getMessageResources(String) SemicolonNotAllowedRuntimeException() BeanDaceFactory.getReanDescr(Class)	
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118		PersistenceConvention.fromPropertyNameToColumnName(String) IORuntimeException(IOException)		PersistenceConvention.fromPropertyNameToColumnName(String)
120	org.seasar.framework.exception org.seasar.framework.util	ArrayUtil()	oscana.s2n.seasar.framework.exception oscana.s2n.seasar.framework.util	Uhunimeks:epton/Ubsecpton
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125		FieldUtil() FieldUtil.get(Field,Object)	-	FieldUtil() FieldUtil.get(Field,Object)
127		FieldUtil.get(Field,Object) FieldUtil.getInt(Field,Object) FieldUtil.getInt(Field)		FisiolOtti getiField, Object) FieldUtti getin(Field, Object) FieldUtti getin(Field, Object) FieldUtti getin(Field, Object)
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131		FieldUtil.getString(Field)		FieldUtil,getString(Field)
133		FieldUtilisInstanceField(Field)		FieldUtil.isInstanceField(Field)
134		FiledUtilisInstanceField(Field) FileOutputStreamUtil() FileOutputStreamUtil()	-	Field/Util.isinstanceField(Field) File/Utput/StreamUtil() File/Utput/StreamUti
136		InputStreamUtiLgetBytes(InputStream) InputStreamUtiLclose(InputStream)		InputStreamUtil.getBytes(InputStream) InputStreamUtil.close(InputStream)
138		InputStreamUtil.copy(InputStream,OutputStream) InputStreamUtil.available(InputStream)		InputStreamUtil.copy(InputStream, OutputStream) InputStreamUtil.availlable(InputStream)
140		InputStreamUtil.reset(InputStream)		InputStreamUtil.reset(InputStream)
142		InputStreamUtil.closeSilently(InputStream) MethodUtil()		InputStreamUtil.closeSilently(inputStream) MethodUtil()
143		metiodouij Method\(\text{Lilinvoke}(Method, Object, Object)) Method\(\text{Lilinvoke}(Method, Object, Object)) Method\(\text{Lilinvoke}(Method) Method\(\text{LilindfigeMethod}) Method\(\text{LilindfigeMethod}) Method\(\text{LilindfigeMethod})		Mechaduli il modellide find (Desc (Desc (D) Mechaduli il modellide find (Desc (Desc (D) Mechaduli il sprince Methodulide find od Mechaduli il sprince Methodulide find od Mechaduli is prince Methodulide find od Mechaduli is prince Methodulide find od Mechaduli is prince Mechadulide find od Mechaduli in prince Mechadulide find od Mechaduli in prince Mechadulide find od Mechadulide find find od Mechadulide find find find find find find find find
145		MethodUtil.isBridgeMethod(Method) MethodUtil.getisBridgeMethod()	-	MethodUtil.is BridgeMethod(Method) MethodUtil. getisBridgeMethod()
147		MethodUtil.getIsSyntheticMethod() OutputStreamUtil.close(OutputStream) OutputStreamUtil.flush(OutputStream)		Method Util, geti s'junthetic Method () Output Stream Util, a lose (Output Stream) Output Stream (Itil, Italy (Output Stream) Output Stream (Itil, Italy (Output Stream)
149		OutputStreamUtil.flush(OutputStream) ResourceUtil()		OutputStreamUtil.flush(OutputStream) ResourceUtil()
151				
152 153		ResourceUtil.getResource(String, String) ResourceUtil.getResourceNoException(String, String)		ResourceUtil.getResource(String, String) ResourceUtil.getResourceNoException(String, String)
154		ResourceUtil.getResourceNoException(String,String,ClassLoader) ResourceUtil.getResourceAsStream(String)	1	ResourceUtil.getResourceNoException(String,String ClassLoader) ResourceUtil.getResourceAsStream(String)
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158		SAXParserFactoryUtil() SAXParserFactoryUtil() reveloctance()	1	SAXParserFactoryUtil() SAXParserFactoryUtil() psyloptance()
160		SAXParserFactoryUtil.newSAXParser(SAXParserFactory)		SAXParser(SAXPar
162		StringUtil.equals(String, String)		StringUtil.equals(String, String)
163 164				StringUtil.contains(String, String) StringUtil.contains(String, char)
165		Saring Utt. contains (Saring, Saring) Saring Utt. contains (Saring, Saring) Saring Utt. contain (Saring, Chai) Saring Utt. capacity (Saring) Saring Utt. cap		Soring All Local Medic (Soring )
167		StringUtil.replace(String, String, String)		StringUtil.zeplace(String,String)
169		StringUtil.startsWith(String,String)		StringUtil.startsWith(String,String)
170		StringUtil.toHex(byte[])		StringUtil.toHex(byte[])
172		StringUtil.toHex(byte[]) StringUtil.toHex(byte[]) StringUtil.tsBlank(String) StringUtil.endsWithIgnoreCase(String, String) StringUtil.startsWithIgnoreCase(String, String)		String All Lind-real lystel] String All Lind-real lystel] String All Lind All String) String All Lind All String) String All Lind All String) String All Lind All String S
174		StringUtil.startsWithIgnoreCase(String,String) StringUtil.startsWithIgnoreCase(String,String)		StringUtil.startsWithIgnoreCase(String,String) StringUtil.startsWithIgnoreCase(String)
176		StringUtil.camelize(String)		StringUtil.camelize(String)
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180		StringUtiLappendHex(StringBuffer,byte) StringUtiLrtrim(String)		StringUtiLappendHex(StringBuffer,byte) StringUtiLxtrim(String)
181				
183		StringUtill.substringToLast(String,String) StringUtill.sNumber(String) StringUtill.trimPrefex(String,String)		StringUtils.ubstringToLast(String, String) StringUtils.Number (String) StringUtils.Number (String) StringUtils.Number (String)
185				StringUtiLtrimPrefix(String,String)
187		StringUtil.decamelize(String)		StringUtil.decamelize(String)
188		StringUtil.trim(String) StringUtil.trim(String,String)		StringUtilItrim(String) StringUtilItrim(String, String)
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192	org.seasar.framework.util.tiger	ReflectionUtil()  ReflectionUtil()  ReflectionUtil()  ReflectionUtil()	oscana.s2n.seasar.framework.util.tiger	ReflectionUtil()  Reflection[Itil invoke[Method Object Object[I)]
194		ReflectionUtil.Invoke(Method,Object,Object[]) ReflectionUtil.forName(String,ClassLoader) ReflectionUtil.forName(String)		Reflection Util movie(Method Object, Object) Reflection Util movie(Method Object, Object) Reflection Util On/hame(String, ClassLoader) Reflection Util On/hame(String)
196		ReflectionUtil.getValue(Field,Object)		ReflectionUtil.getValue(Field, Object)
197		ReflectionUtil.getConstructor(Class,Class[]) ReflectionUtil.getDeclaredConstructor(Class,Class[])		ReflectionUtil.getDeclaredConstructor(Class,Class[)
199		ReflectionUtil.getDeclaredField(Class,String) ReflectionUtil.getDeclaredMethod(Class,String,Class[])		ReflectionUtil.getDeclaredField(Class,String)  ReflectionUtil.getDeclaredMethod(Class,String,Class[])
201		ReflectionUtil.getField(Class,String) ReflectionUtil.getMethod(Class,String,Class[])		ReflectionUtil.getField(Class, String) ReflectionUtil.getMethod(Class, String, Class[])
203		ReflectionUtil.newInstance(Constructor,Object[) ReflectionLitil.newInstance(Class)		ReflectionUtil.newInstance(Constructor,Object[]) ReflectionUtil.newInstance(Class)
205		Reflection.Lill gerValesFinel (Deer) Reflection.Lill gerValesFinel (Deer) Reflection.Lill gerContructur(Ciss.Class()) Reflection.Lill gerDeciserd**Constructive(Tiss.Class()) Reflection.Lill gerDeciserd**Constructive(Tiss.Class()) Reflection.Lill gerFeld(Ciss.Spring) Reflection.Lill gerFeld(Ciss.Spring) Reflection.Lill gerFeld(Ciss.Spring) Reflection.Lill gerifetid(Ciss.Spring)	1	ReflectionULB get lung Fleet (Opice) ReflectionULB get lung Fleet (Opice) ReflectionULB get lung Fleet (Opice) ReflectionULB get lung fleet (Inst. Class)) ReflectionULB get lung fleet lung fleet (Inst. Class)) ReflectionULB get lung fleet lung fleet (Inst. Class)) ReflectionULB get lung fleet lung fleet (Inst. Class) ReflectionULB get led (Class String) ReflectionULB get led (Class String) ReflectionULB get lung fleet (Inst. Class)) ReflectionULB get lung fleet (Inst. Class)) ReflectionULB get lung fleet (Inst. Class)
207		ReflectionUtil.forNameNoException(String)  ReflectionUtil.forNameNoException(String)  ReflectionUtil.forNameNoException(String,ClassLoader)		NellectionfulliforNameNoException(String) ReflectionfulliforNameNoException(String,ClassLoader)
209				
210	org.seasar.struts.taglib	ReflectionUtil_testSaticValue(Field_Object) S2Functions.equals(Object_Object) S2Functions.equals(Object_Object) S2Functions.escape(String) S2Functions.escape(String) S2Functions.number(String_String)	oscana.s2n.seasar.struts.taglib	Sedies tool till sedistate (vi land Field Cheject) Occaraff verificione peagle (Cheject) Occaraff verificione peagle (Cheject Operat) Occaraff verificione, accape(String) Occaraff verificion, accape(String) Occaraff verificion, accape(String)
212		S2Functions.escape(String) S2Functions.number(String,String)	1	OscanaFunctions.escape(String) OscanaFunctions.number(String,String)
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216		S2Functions.urlEncode(String)	1	OscanaFunctions.urlEncode(String)
218		S2Functions.unl(String) S2Functions.date(Object,String) S2Functions.ld(Object,String) S2Functions.ld(Object,Ust,String,String)		Occans   unctions.us  String
220		S2Functions.n(Object) S2Functions.label(Object,List,String,String)	1	OscanaFunctions.n(Ubject) OscanaFunctions.label(Object,List,String,String)
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223	org.seasar.struts.util	ActionMessageUtil() ActionMessageUtil() ActionMessaged Itil saveFrrors(HttnServletRequest ActionMessages)	oscana.s2n.seasar.struts.util	ActionMessagesUtil() ActionMessagesUtil() ActionMessagesUtil()
227		ActionMessagesUtili_saveErrors[HttpServletRequest_ActionMessages] ActionMessagesUtil_saveErrors[HttpServletRequest_ActionMessages] ActionMessagesUtil_sadferrors[HttpServletRequest_ActionMessages] ActionMessagesUtil_sadferrors[HttpServletRequest] ActionMessagesUtil_sadferrors[HttpServletRequest] ActionMessagesUtil_sadferrors[HttpServletRequest_ActionMessages]	1	ActionMessages (III) ActionMes
229		ActionMessagesUtil.addMessages(HttpServletRequest,ActionMessages)	1	Action Messages Util. add Messages (HttpServiet Request, Action Messages)
233		Action Hill)	1	Action Irii Action
234		ActionUtil.calcActionPath() ActionUtil.fromActionNameToPath(String)	1	ActionUtil, aciActionPath() ActionUtil, aciActionPath() ActionUtil, fromActionNameToPath(String) ActionUtil, fromPath ToActionName(String)
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242				
243		ResponseUtil.write(String) ResponseUtil.write(String, String) ResponseUtil.download(String, InputStream, int)		ResponseUtil.write(String) ResponseUtil.write(String, String) ResponseUtil.download(String, Input) ResponseUtil.download(String, Input) ResponseUtil.
245			1	
247		ResponseUtil.download(String,InputStream) ResponseUtil.getResponse()	1	Responsed till download (String Inguilteram) Responsed till download (String Inguilteram) Responsed till gelfkesponse() Responsed till gelfkesponse() Routing till gelfkesponse() Routing till gelfkesponse()
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251		Routingutii.getParamPath(String[_int) ServletContextUtil()		Trouting Culti getParam Fath (Strateg) (in) Routing Culti getParam Fath (Strateg) (in) Serviet Context Culti (in)
252 253		ServietContextUtiLgetServietContext() ServietContextUtiLgetViewPrefix()	1	ServletContextUtil.getServletContext() ServletContextUtil.getViewPrefix()
254		ServletContextUtiLgetViewPrefix() UploadUtiLwrite(String,FormFile) UploadUtiLcopy(InputStroam,OutputStream) UploadUtil.checkSizeLimik(HttpServletRequest)	1	ServietContextLill getViewPerful UploadUt interesting Formitie Upl
256		UploadUtil.checkSizeLimit(HttpServletRequest)	1	UploadUtil.checikSizeLimit(HttpServletRequest)
23/		URLEncoderUtil.encode(String)		URLEncoderUtil.encode(String)

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