

新旧API対応表

リファクタリングは後述のアナリシスについて、Struts1、SAStrutsのAPIを使用している箇所を、互換ライブラリのAPIを使用するように変更します。
本書は、どのStruts1、SAStrutsのAPIが、どの互換ライブラリのAPIに交換されるかを記載したものです。

No	フレームワーク	パッケージ	互換性: Struts1、SAStruts/JAPI	クラス、メソッド系	備考
1	Struts1	org.apache.struts.action	ActionUtil.cancelled(HttpServletResponse)	oscarina.struts.action	
2			Action.saveMessages(HttpServletResponse, ActionMessages)	Action.saveMessages(HttpServletResponse, ActionMessages)	
3			Action.saveErrors(HttpServletResponse, ActionMessages)	Action.saveErrors(HttpServletResponse, ActionMessages)	
4			Action.saveErrors(HttpSession, ActionMessages)	Action.saveErrors(HttpSession, ActionMessages)	
5			ActionErrors	ActionErrors	
6			ActionErrors(ActionErrors)	ActionErrors(ActionErrors)	
7			ActionForm.reset(ActionMapping, HttpServletResponse)	ActionForm.reset(ActionMapping, HttpServletResponse)	
8			ActionForm.reset(ActionMapping, ServletRequest)	ActionForm.reset(ActionMapping, ServletRequest)	
9			ActionForm.validate(ActionMapping, ServletRequest)	ActionForm.validate(ActionMapping, ServletRequest)	
10			ActionForm.validate(ActionMapping, HttpServletResponse)	ActionForm.validate(ActionMapping, HttpServletResponse)	
11			ActionForward(HttpRequest, ExecutionContext)	ActionForward(HttpRequest, ExecutionContext)	
12			ActionForward(String)	ActionForward(String)	
13			ActionForward()	ActionForward()	
14		org.apache.struts.config	ForwardConfig.getName()	ActionForward.getName()	
15			ForwardConfig.setPath(String)	ActionForward.setPath(String)	
16			ForwardConfig.getPath()	ActionForward.getPath()	
17			ForwardConfig.setPath(String)	ActionForward.setPath(String)	
18			ActionConfig.setName(String)	ActionMapping.setName(String)	
19			ActionConfig.setPath(String)	ActionMapping.setPath(String)	
20			ActionConfig.getType()	ActionMapping.getType()	
21			ActionConfig.getPath()	ActionMapping.getPath()	
22			ActionConfig.setAttribute(String)	ActionMapping.setAttribute(String)	
23			ActionConfig.getAttribute()	ActionMapping.getAttribute()	
24			ActionConfig.getParameter()	ActionMapping.getParameter()	
25			ActionConfig.setValidate(boolean)	ActionMapping.setValidate(boolean)	
26			ActionConfig.setValidate(boolean)	ActionMapping.setValidate(boolean)	
27			ActionConfig.setType(String)	ActionMapping.setType(String)	
28			ActionConfig.setScope(String)	ActionMapping.setScope(String)	
29			ActionConfig.getScope()	ActionMapping.getScope()	
30			ActionConfig.validate()	ActionMapping.validate()	
31		org.apache.struts.action	ActionMapping.findForward(String)	ActionMapping.findForward(String)	
32			ActionMessage(String, Object, Object, Object)	ActionMessage(String, Object, Object, Object)	
33			ActionMessage(String, Object, Object)	ActionMessage(String, Object, Object)	
34			ActionMessage(String, Object)	ActionMessage(String, Object)	
35			ActionMessage(String, boolean)	ActionMessage(String, boolean)	
36			ActionMessage(String)	ActionMessage(String)	
37			ActionMessage(String, Object)	ActionMessage(String, Object)	
38			ActionMessage(String, Object)	ActionMessage(String, Object)	
39			ActionMessage(String, Object, Object)	ActionMessage(String, Object, Object)	
40			ActionMessage.toString()	ActionMessage.toString()	
41			ActionMessage.getKey()	ActionMessage.getKey()	
42			ActionMessage.getValue()	ActionMessage.getValue()	
43			ActionMessage.isResource()	ActionMessage.isResource()	
44			ActionMessages	ActionMessages	
45			ActionMessages(ActionMessages)	ActionMessages(ActionMessages)	
46			ActionMessages.add(ActionMessages)	ActionMessages.add(ActionMessages)	
47			ActionMessages.add(String, ActionMessage)	ActionMessages.add(String, ActionMessage)	
48			ActionMessages.add(String, String)	ActionMessages.add(String, String)	
49			ActionMessages.clear()	ActionMessages.clear()	
50			ActionMessages.isEmpty()	ActionMessages.isEmpty()	
51			ActionMessages.size()	ActionMessages.size()	
52		org.apache.struts.upload	FormFile.destroy()	oscarina.struts.upload	
53			FormFile.getInputStream()	FormFile.getInputStream()	
54			FormFile.getName()	FormFile.getName()	
55			FormFile.setContentType()	FormFile.setContentType()	
56			FormFile.setContentType(String)	FormFile.setContentType(String)	
57			FormFile.setFileName(String)	FormFile.setFileName(String)	
58			FormFile.getFileName()	FormFile.getFileName()	
59			FormFile.getFileData()	FormFile.getFileData()	
60		org.apache.struts.util	LabelValueBean.CASE_INSENSITIVE_ORDER	oscarina.struts.util	
61			LabelValueBean(String, String)	LabelValueBean(String, String)	
62			LabelValueBean()	LabelValueBean()	
63			LabelValueBean.equals(Object)	LabelValueBean.equals(Object)	
64			LabelValueBean.toString()	LabelValueBean.toString()	
65			LabelValueBean.hashCode()	LabelValueBean.hashCode()	
66			LabelValueBean.compareTo(Object)	LabelValueBean.compareTo(Object)	
67			LabelValueBean.getValue()	LabelValueBean.getValue()	
68			LabelValueBean.setValue(String)	LabelValueBean.setValue(String)	
69			LabelValueBean.setLabel(String)	LabelValueBean.setLabel(String)	
70			LabelValueBean.getLabel()	LabelValueBean.getLabel()	
71			MessageResources.getMessage(String)	MessageResources.getMessage(String)	
72			MessageResources.getMessage(Locale, String, Object)	MessageResources.getMessage(Locale, String, Object)	
73			MessageResources.getMessage(Locale, String)	MessageResources.getMessage(Locale, String)	
74			MessageResources.getMessage(String, Object)	MessageResources.getMessage(String, Object)	
75			MessageResources.getMessage(String, Object, String)	MessageResources.getMessage(String, Object, String)	
76			MessageResources.getMessageResources(String)	MessageResources.getMessageResources(String)	
77	SAStruts	org.seasar.extension.util	MessageResources.getMessageResources()	oscarina.struts.extension.util	
78		org.seasar.framework.beans.factory	BeanDesc.Factory.getBeanDesc(Class)	oscarina.struts.framework.beans.factory	
79		org.seasar.framework.beans.impl	BeanDescImpl(Class)	oscarina.struts.framework.beans	
80		org.seasar.framework.beans	BeanDesc.getPropertyDesc(String)	oscarina.struts.framework.beans	
81		org.seasar.framework.beans.impl	PropertyDescImpl(String, Class, Method, Method, Field, BeanDesc)	PropertyDesc(String)	
82		org.seasar.framework.beans	PropertyDesc.getAttribute(Object)	PropertyDesc.getAttribute(Object)	
83		org.seasar.framework.beans.util	PropertyNotFoundRuntimeException(Class, String)	PropertyNotFoundRuntimeException()	
84			AbstractCopy.append(CharSequence)	AbstractCopy.append(CharSequence)	
85			AbstractCopy.exclude(Whitespace)	AbstractCopy.exclude(Whitespace)	
86			AbstractCopy.mapDelimiter(char)	AbstractCopy.mapDelimiter(char)	
87			AbstractCopy.exclude(CharSequence)	AbstractCopy.exclude(CharSequence)	
88			AbstractCopy.excludeNull()	AbstractCopy.excludeNull()	
89			AbstractCopy.beamDelimiter(char)	AbstractCopy.beamDelimiter(char)	
90			AbstractCopy.toStringArray(CharSequence)	AbstractCopy.toStringArray(CharSequence)	
91			AbstractCopy.isTargetProperty(String)	AbstractCopy.isTargetProperty(String)	
92			AbstractCopy.includes(CharSequence)	AbstractCopy.includes(CharSequence)	
93			AbstractCopy.copyBeanToBean(Object, Object)	AbstractCopy.copyBeanToBean(Object, Object)	
94			AbstractCopy.trimPrefix(String)	AbstractCopy.trimPrefix(String)	
95		AbstractCopy.copyMapToMap(Map, Map)	AbstractCopy.copyMapToMap(Map, Map)	AbstractCopy.copyMapToMap(Map, Map)	
96		AbstractCopy.copyBeanToMap(Object, Map)	AbstractCopy.copyBeanToMap(Object, Map)	AbstractCopy.copyBeanToMap(Object, Map)	
97		AbstractCopy.copyMapToBean(Map, Object)	AbstractCopy.copyMapToBean(Map, Object)	AbstractCopy.copyMapToBean(Map, Object)	
98		BeanMap.get(Object)	BeanMap.get(Object)	BeanMap.get(Object)	
99		Copy(Object, Object)	Copy(Object, Object)	Copy(Object, Object)	
100		Copy.execute()	Copy.execute()	Copy.execute()	
101		CreateAndCopy(Class, Object)	CreateAndCopy(Class, Object)	CreateAndCopy(Class, Object)	
102		CreateAndCopy.execute()	CreateAndCopy.execute()	CreateAndCopy.execute()	
103	org.seasar.framework.container	S2Container.hasComponent(Def, Object)	oscarina.s2.seasar.framework.container	OscarinaContainer.hasComponent(Def, String)	
104		S2Container.getComponent(Object)	OscarinaContainer.getComponent(Object)	OscarinaContainer.getComponent(Object)	
105	org.seasar.framework.container.factory	SingletonS2ContainerFactory.getContainer()	oscarina.s2.seasar.framework.container.factory	OscarinaSingletonContainerFactory.getContainer()	
106		SingletonS2ContainerFactory.hasContainer()	OscarinaSingletonContainerFactory.hasContainer()	OscarinaSingletonContainerFactory.hasContainer()	
107	org.seasar.framework.convention.impl	PersistenceConventionImpl.fromTableNameToEntityName(String)	oscarina.s2.seasar.framework.convention.impl	PersistenceConventionImpl.fromTableNameToEntityName(String)	
108		PersistenceConventionImpl.fromEntityNameToTableName(String)	PersistenceConventionImpl.fromEntityNameToTableName(String)	PersistenceConventionImpl.fromEntityNameToTableName(String)	
109		PersistenceConventionImpl.fromColumnNameToPropertyName(String)	PersistenceConventionImpl.fromColumnNameToPropertyName(String)	PersistenceConventionImpl.fromColumnNameToPropertyName(String)	
110		PersistenceConventionImpl.fromPropertyNameToColumnName(String)	PersistenceConventionImpl.fromPropertyNameToColumnName(String)	PersistenceConventionImpl.fromPropertyNameToColumnName(String)	
111		PersistenceConventionImpl.ignoreTableName()	PersistenceConventionImpl.ignoreTableName()	PersistenceConventionImpl.ignoreTableName()	
112		PersistenceConventionImpl.ignoreTableName()	PersistenceConventionImpl.ignoreTableName()	PersistenceConventionImpl.ignoreTableName()	
113		PersistenceConventionImpl.isNoNameConversion()	PersistenceConventionImpl.isNoNameConversion()	PersistenceConventionImpl.isNoNameConversion()	
114		PersistenceConventionImpl.isNoNameConversion(boolean)	PersistenceConventionImpl.isNoNameConversion(boolean)	PersistenceConventionImpl.isNoNameConversion(boolean)	

oscarina.s2.seasar.framework.beans.util/コピー-BeanAbstractCopy, Copy, CreatedCopyクラスのAPIは互換性の保証が、
「データが渡り得ることで」である。
「大文字小文字に異なるある項目は」は「コ」しない。
「利用するフィールドの」は「isNoNameConversion」フィールドには
「コ」しない。

以下の条件の「コ」は、サポートしない
- includes2+prefixの組み合わせ
- includes2-excludesの組み合わせ
- includes2-excludes+prefixの組み合わせ
- includes2-excludesWhitespace+prefixの組み合わせ
- includes2-excludesNull+prefixの組み合わせ

以下の条件の「コ」は、サポートしない
- includes2+prefixの組み合わせ
- includes2-excludes+prefixの組み合わせ
- includes2-excludesWhitespace+prefixの組み合わせ
- includes2-excludesNull+prefixの組み合わせ

以下の条件の「コ」は、サポートしない
- includes2+prefixの組み合わせ
- includes2-excludes+prefixの組み合わせ
- includes2-excludesWhitespace+prefixの組み合わせ
- includes2-excludesNull+prefixの組み合わせ

以下の条件の「コ」は、サポートしない
- includes2+prefixの組み合わせ
- includes2-excludes+prefixの組み合わせ
- includes2-excludesWhitespace+prefixの組み合わせ
- includes2-excludesNull+prefixの組み合わせ

AbstractCopyの以下の処理と同じ制約があります
- AbstractCopy.copyBeanToBean(Object, Object)
- AbstractCopy.copyMapToMap(Map, Map)
- AbstractCopy.copyBeanToMap(Object, Map)
- AbstractCopy.copyMapToBean(Map, Object)

AbstractCopyの以下の処理と同じ制約があります
- AbstractCopy.copyBeanToBean(Object, Object)
- AbstractCopy.copyMapToMap(Map, Map)
- AbstractCopy.copyBeanToMap(Object, Map)
- AbstractCopy.copyMapToBean(Map, Object)

