Application Type Table:

The same JAR file can be switched to work as the desired application just by changing the app_type Applet parameter. This has been described in the following table.

Please be advised that if you plan to run any of the below applications simultaneously over a browser, then do maintain the JAR as different files. This is to ensure that when the client fires up the applets simultaneously, there are no overlaps in the browser cache.

In the following tables OS stands for Open Source, TP stands for Tree Pruner – Archae and TD stands for Tree Decorator - Archae.
Application Archaeopteryx stands for the Archaeopteryx project (formerly known as ATV). This is the code base used for Tree Pruner and Tree Decorator and this application type is on version 4.1.04 (more information can be found at http://www.phylosoft.org/archaeopteryx/ and http://sourceforge.net/projects/forester-atv/)

Application Type (app_type)	Built For Organization	Application
""	OS	Archaeopteryx
-1	OS	Archaeopteryx
0	LANL/BHB	Archaeopteryx
1	BHB	TP
2	LANL	TP
3	OS	TP
4	BHB	TD
5	LANL	TD
6	OS	TD

Note: There is no difference in app_type "" and -1. The only difference between app_type -1 (or "") and 0 is that in app_type -1 (or ""), the url or tree to load and config file path passed to the applet in the applet params is an absolute path where as in app_type 0, it is a relative path. One another difference is that in app_type -1 (or ""), the accessions, if passed in with the newick file (see Tree Pruner and Tree Decorator Documentation: Newick file format) will not be extracted, whereas in app_type 0, they will be extracted before the strain (node data) is displayed on the tree panel. Also, app_types "", -1 and 0 need only three applet parameters of url_of_tree_to_load, config_file and app_type.

The table below gives an overview of unique features that the Tree Pruner and Tree Decorator applets (app_type 1 through 6) will and will not provide when it is run with the above said application types (all other features are common in each application):

Application	Feature	Application Types that supports this feature
TP/TD	Close the parent applet window on terminate	2 and 5
TP/TD	User Validation on the server before POSTing JSON file on the server	2 and 5
TP/TD	Tab name on the tree panel of TP and TD	1,2,3,4,5 and 6
TP/TD	Text for the Back to Super Tree/Up one Level button on Control Panel of the applet	3 and 6 have Back to Super Tree. 1,2,4 and 5 have Up one level
TP/TD	File Menu on the applet	1,2,4 and 5
TP	Lock set JSON file communication just after the applet fires up	1
TP	Unlock set JSON file communication just before the applet terminates	1

Files/Folders:

In addition to this file your package also contains some other files or folders that may be required to understand the working of Tree Pruner and Tree Decorator. The following table lists these files or folders, for which application type it may be useful and explains the contents of these files or folders

Folder Path	Filename/Foldername	Application Type	Wiki
TreeArchaeSource/Archaeopteryx/INSTALL/ApplicationJars/	TreeArchaeUnsigned.jar	All app_types	Unsigned JAR, which can be used to run any one of the applications specified in then previous section. This JAR will have to be signed in order for it to run from the browser for application types 1, 2, 4 and 5. If the applications are run simultaneously then please make copies of this JAR to avoid exceptions.
TreeArchaeSource/Archaeopteryx/IN	Archaeopteryx/_atv_configuration_fil	"", -,1, 0	Archaeopteryx configuration file

STALL/ Configuratio nFiles/	e.txt	"", -,1, 0	Archaeopteryx configuration file
	TreeDecorat or/_td_atv_c onfiguration _file.txt	4, 5, 6	Tree Decorator – Archae configuration file
	TreePruner/ _tp_atv_confi guration_file .txt	1, 2, 3	Tree Pruner – Archae configuration file
TreeArchaeS ource/Archa eopteryx/ja va/	src/	All app_types	Source code and related Archae files. Please add all three JAR files from TreeArchaeSource/Archaeopteryx/java/jars folder to your classpath before compiling or running the code to avoid compile time errors.
	jars/	all	Contains JSON.jar, fluorite.jar, gnujpdf.jar. These files must be included in the class path before compiling or running the source code to avoid compile time errors
TreeArchaeS ource/Archa eopteryx/IN STALL/ Documentati on/	TreeDecorat or/TreeDec orator.doc	4, 5, 6	Communication and Applet interface technical spec for Tree Decorator. You will need a word processor to read this file.
	TreeDecorat or/TreeDec orator.pdf	4, 5, 6	Communication and Applet interface technical spec for Tree Decorator. You will need a portable document reader to read this file.
	TreePruner/ TreePruner. doc	1, 2, 3	Communication and Applet interface technical spec for Tree Pruner. You will need a word processor to read this file.
	TreePruner/ TreePruner. pdf	1, 2, 3	Communication and Applet interface technical spec for Tree Pruner. You will need a portable document reader to read this file.
TreeArchaeS ource/Archa eopteryx/IN STALL/ ExampleFile s/ TreeDecorat orAllAppTyp es/	Example_ne wick_file.txt	4 ,5, 6	Example newick file for the tree decorator
	exampleSeq uenceDetail s.json	4 ,5, 6	Example sequence details JSON string accepted by the applet

TreeArchaeSource/Archaeopteryx/INSTALL/ExampleFiles/TreeDecoratorAppType4	exampleApplet.html	4	Example applet file for app_type 4
	exampleDiscardDecoration.json	4	Example Discard JSON string for app_type 4
	exampleSavedDecoration.json	4	Example Save/AutoSave JSON string for app_type 4
TreeArchaeSource/Archaeopteryx/INSTALL/ExampleFiles/ TreeDecoratorAppType5 /	exampleApplet.html	5	Example applet file for app_type 5
	exampleDiscardDecoration.json	5	Example Discard JSON string for app_type 5
	exampleSavedDecoration.json	5	Example Save/AutoSave JSON string for app_type 5
TreeArchaeSource/Archaeopteryx/INSTALL/ExampleFiles/TreeDecoratorAppType6/	exampleApplet.html	6	Example applet file for app_type 6
	exampleDiscardDecoration.json	6	Example Discard JSON string for app_type 6
	exampleSavedDecoration.json	6	Example Save/AutoSave JSON string for app_type 6
TreeArchaeSource/Archaeopteryx/INSTALL/ExampleFiles/ TreePrunerAllAppTypes /	Example_newick_file.txt	1, 2, 3	Example newick file for the tree pruner
TreeArchaeSource/Archaeopteryx/INSTALL/	exampleApplet.html	1	Example applet file for app_type 1
	exampleCommitAcc.jso	1	Example Commit JSON string for app_type 1

ExampleFiles/ TreePruner AppType1/	n	1	Example Commit JSON string for app_type 1
	exampleDiscardAcc.json	1	Example Discard JSON string for app_type 1
	exampleSavedAcc.json	1	Example Save/AutoSave JSON string for app_type 1
	exampleLock.json	1	Example Lock JSON string
	exampleUnlock.json	1	Example Unlock JSON string
TreeArchaeSource/Archaeopteryx/INSTALL/ ExampleFiles/ TreePruner AppType2/	exampleApplet.html	2	Example applet file for app_type 2
	exampleCommitAcc.json	2	Example Commit JSON string for app_type 2
	exampleDiscardAcc.json	2	Example Discard JSON string for app_type 2
	exampleSavedAcc.json	2	Example Save/AutoSave JSON string for app_type 2
TreeArchaeSource/Archaeopteryx/INSTALL/ ExampleFiles/ TreePruner AppType3/	exampleApplet.html	3	Example applet file for app_type 3
	exampleCommitAcc.json	3	Example Commit JSON string for app_type 3
	exampleDiscardAcc.json	3	Example Discard JSON string for app_type 3
	exampleSavedAcc.json	3	Example Save/AutoSave JSON string for app_type 3
TreeArchaeSource/Archaeopteryx/INSTALL/ License/	lgpl-3.0.txt	-	Tree Pruner and Tree Decorator are covered under the same license as Archaeopteryx