

Instruction Mapping from Bytecode to Structure Preserving Representation

The next table displays the mapping of Bytecode (left) instructions to our "Structure Preserving Representation" (right).

putstatic	put
putfield	put
getfield	get
getstatic	get
ldc	ldc
ldc2_w	ldc
ldc_w	ldc
invokeinterface	invoke
invokespecial	invoke
invokestatic	invoke
invokevirtual	invoke
new	new
anewarray	newarray
multianewarray	newarray
newarray	newarray
arraylength	arraylength
athrow	athrow
bipush	push
sipush	push
nop	nop
checkcast	check
instanceof	check
d2f	to
d2i	to
d2l	to
f2d	to
f2i	to
f2l	to
i2b	to
i2c	to
i2d	to
i2f	to
i2l	to
i2s	to
l2d	to
l2f	to
l2i	to
aload	load
aload_0	load
aload_1	load
aload_2	load
aload_3	load
dload	load
dload_0	load
dload_1	load
dload_2	load
dload_3	load
dload_4	load
dload_5	load
dload_6	load
dload_7	load
dload_8	load
dload_9	load
dload_10	load
dload_11	load
dload_12	load
dload_13	load
dload_14	load
dload_15	load
dload_16	load
dload_17	load
dload_18	load
dload_19	load
dload_20	load
dload_21	load
dload_22	load
dload_23	load
dload_24	load
dload_25	load
dload_26	load
dload_27	load
dload_28	load
dload_29	load
dload_30	load
dload_31	load
dload_32	load
dload_33	load
dload_34	load
dload_35	load
dload_36	load
dload_37	load
dload_38	load
dload_39	load
dload_40	load
dload_41	load
dload_42	load
dload_43	load
dload_44	load
dload_45	load
dload_46	load
dload_47	load
dload_48	load
dload_49	load
dload_50	load
dload_51	load
dload_52	load
dload_53	load
dload_54	load
dload_55	load
dload_56	load
dload_57	load
dload_58	load
dload_59	load
dload_60	load
dload_61	load
dload_62	load
dload_63	load
dload_64	load
dload_65	load
dload_66	load
dload_67	load
dload_68	load
dload_69	load
dload_70	load
dload_71	load
dload_72	load
dload_73	load
dload_74	load
dload_75	load
dload_76	load
dload_77	load
dload_78	load
dload_79	load
dload_80	load
dload_81	load
dload_82	load
dload_83	load
dload_84	load
dload_85	load
dload_86	load
dload_87	load
dload_88	load
dload_89	load
dload_90	load
dload_91	load
dload_92	load
dload_93	load
dload_94	load
dload_95	load
dload_96	load
dload_97	load
dload_98	load
dload_99	load
dload_100	load
dload_101	load
dload_102	load
dload_103	load
dload_104	load
dload_105	load
dload_106	load
dload_107	load
dload_108	load
dload_109	load
dload_110	load
dload_111	load
dload_112	load
dload_113	load
dload_114	load
dload_115	load
dload_116	load
dload_117	load
dload_118	load
dload_119	load
dload_120	load
dload_121	load
dload_122	load
dload_123	load
dload_124	load
dload_125	load
dload_126	load
dload_127	load
dload_128	load
dload_129	load
dload_130	load
dload_131	load
dload_132	load
dload_133	load
dload_134	load
dload_135	load
dload_136	load
dload_137	load
dload_138	load
dload_139	load
dload_140	load
dload_141	load
dload_142	load
dload_143	load
dload_144	load
dload_145	load
dload_146	load
dload_147	load
dload_148	load
dload_149	load
dload_150	load
dload_151	load
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dload_170	load
dload_171	load
dload_172	load
dload_173	load
dload_174	load
dload_175	load
dload_176	load
dload_177	load
dload_178	load
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dload_180	load
dload_181	load
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dload_202	load
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dload_212	load
dload_213	load
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dload_217	load
dload_218	load
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dload_220	load
dload_221	load
dload_222	load
dload_223	load
dload_224	load
dload_225	load
dload_226	load
dload_227	load
dload_228	load
dload_229	load
dload_230	load
dload_231	load
dload_232	load
dload_233	load
dload_234	load
dload_235	load
dload_236	load
dload_237	load
dload_238	load
dload_239	load
dload_240	load
dload_241	load
dload_242	load
dload_243	load
dload_244	load
dload_245	load
dload_246	load
dload_247	load
dload_248	load
dload_249	load
dload_250	load
dload_251	load
dload_252	load
dload_253	load
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dload_255	load
dload_256	load
dload_257	load
dload_258	load
dload_259	load
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dload_288	load
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dload_294	load
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dload_297	load
dload_298	load
dload_299	load
dload_300	load
dload_301	load
dload_302	load
dload_303	load
dload_304	load
dload_305	load
dload_306	load
dload_307	load
dload_308	load
dload_309	load
dload_310	load
dload_311	load
dload_312	load
dload_313	load
dload_314	load
dload_315	load
dload_316	load
dload_317	load
dload_318	load
dload_319	load
dload_320	load
dload_321	load
dload_322	load
dload_323	load
dload_324	load
dload_325	load
dload_326	load
dload_327	load
dload_328	load
dload_329	load
dload_330	load
dload_331	load
dload_332	load
dload_333	load
dload_334	load
dload_335	load
dload_336	load
dload_337	load
dload_338	load
dload_339	load
dload_340	load
dload_341	load
dload_342	load
dload_343	load
dload_344	load
dload_345	load
dload_346	load
dload_347	load
dload_348	load
dload_349	load
dload_350	load
dload_351	load
dload_352	load
dload_353	load
dload_354	load
dload_355	load
dload_356	load
dload_357	load
dload_358	load
dload_359	load
dload_360	load
dload_361	load
dload_362	load
dload_363	load
dload_364	load
dload_365	load
dload_366	load
dload_367	load
dload_368	load
dload_369	load
dload_370	load
dload_371	load
dload_372	load
dload_373	load
dload_374	load
dload_375	load
dload_376	load
dload_377	load
dload_378	load
dload_379	load
dload_380	load
dload_381	load
dload_382	load
dload_383	load
dload_384	load
dload_385	load
dload_386	load
dload_387	load
dload_388	load
dload_389	load
dload_390	load
dload_391	load
dload_392	load
dload_393	load
dload_394	load
dload_395	load
dload_396	load
dload_397	load
dload_398	load
dload_399	load
dload_400	load
dload_401	load
dload_402	load
dload_403	load
dload_404	load
dload_405	load
dload_406	load
dload_407	load
dload_408	load
dload_409	load
dload_410	load
dload_411	load
dload_412	load
dload_413	load
dload_414	load
dload_415	load
dload_416	load
dload_417	load
dload_418	load
dload_419	load
dload_420	load
dload_421	load
dload_422	load
dload_423	load
dload_424	load
dload_425	load
dload_426	load
dload_427	load
dload_428	load
dload_429	load
dload_430	load
dload_431	load
dload_432	load
dload_433	load
dload_434	load
dload_435	load
dload_436	load
dload_437	load
dload_438	load
dload_439	load
dload_440	load
dload_441	load
dload_442	load
dload_443	load
dload_444	load
dload_445	load
dload_446	load
dload_447	load
dload_448	load
dload_449	load
dload_450	load
dload_451	load
dload_452	load
dload_453	load
dload_454	load
dload_455	load
dload_456	load
dload_457	load
dload_458	load
dload_459	load
dload_460	load
dload_461	load
dload_462	load
dload_463	load
dload_464	load
dload_465	load
dload_466	load
dload_467	load
dload_468	load
dload_469	load
dload_470	load
dload_471	load
dload_472	load
dload_473	load
dload_474	load
dload_475	load
dload_476	load
dload_477	load
dload_478	load
dload_479	load
dload_480	load
dload_481	load
dload_482	load
dload_483	load
dload_484	load
dload_485	load
dload_486	load
dload_487	load
dload_488	load
dload_489	load
dload_490	load
dload_491	load
dload_492	load
dload_493	load
dload_494	load
dload_495	load
dload_496	load
dload_497	load
dload_498	load
dload_499	load
dload_500	load
istore_2	store
istore_3	store
istore	store
istore_0	store
istore_1	store
istore_2	store
istore_3	store
aastore	arraystore
bastore	arraystore
castore	arraystore
dastore	arraystore
fastore	arraystore
iastore	arraystore
lastore	arraystore
sastore	arraystore
areturn	return
dreturn	return
freturn	return
ireturn	return
lreturn	return
return	return
ret	return
aconst_null	const

idiv	div
ldiv	div
dmul	mul
fmul	mul
imul	mul
lmul	mul
ishl	mul
ishr	mul
iushr	mul
lshl	mul
lshr	mul
lushr	mul
dneg	neg
fneg	neg
ineg	neg
lneg	neg
drem	rem
frem	rem
irem	rem
lrem	rem
dsub	sub
fsub	sub
isub	sub
lsub	sub
dcmpg	if
dcmpl	if
fcmpg	if
fcmpl	if
lcmp	if
if_acmpeq	if
if_acmpne	if
if_icmpeq	if
if_icmpge	if
if_icmpgt	if
if_icmple	if
if_icmplt	if
if_icmpne	if
ifge	if
ifgt	if
ifle	if
iflt	if
ifne	if
ifnonnull	if
ifnull	if
jsr	if
jsr_w	if

goto	if
goto_w	if
dup	dup
dup_x1	dup
dup_x2	dup
dup2	dup
dup2_x1	dup
dup2_x2	dup
iand	and
land	and
ior	or
lor	or
ixor	xor
lxor	xor
lookupswitch	switch
tableswitch	switch
monitorenter	monitor
monitorexit	monitor
pop	pop
pop2	pop
swap	swap
wide	wide

Prefixes of app makers

The following table contains the main package prefixes of app makers. These makers enable users to implement Android apps without coding and cause false positives in the repackaged app detection.

App Maker Prefixes
com.andromo
appinventor
com.appbuilder
com.appsbuilder
com.conduit
com.guidebook
getapp
com.getappandroid
com.appypie
com.appsgeyser
shappii_corp
com.appmachine
com.goodbarber
com.makemedroid
com.mobincube
com.h2omobileapps
com.mobileappsgallery
com.appmaker
com.appmakr
com.ceoappmaker
com.chownow
com.crowdcompass
com.fitnessmobileapps
com.mytoursapp
de.apptitan
se.appsson
com.androapp
com.presspadapp
com.magazinecloner
com.mobileroadie
com.appexpress
it.pgmobapp
com.apptive
tw.com.appstudio
com.appbyme
com.appsbar
com.mobappcreator
biz.buildapps
com.gamesalad
io.appery