

1) Family number: 61843239 (US2016070636A)

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Title: CONDITIONAL WRAPPER FOR PROGRAM OBJECT

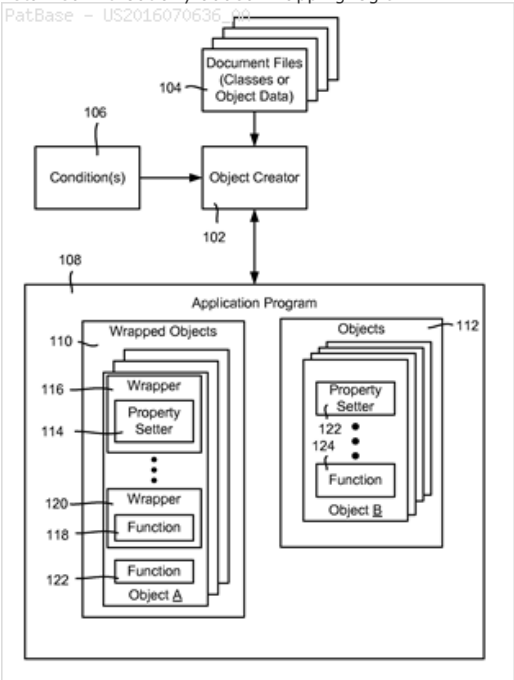
Abstract: Source: US2016070636A [EN] The described technology is directed towards conditional wrapper that wraps part(s) of a selected program object with added logic, such as to perform validation and/or tracing on part(s) the object; the wrapper may be multi-functional in this regard. The wrapper logic is selectively added to one or more selected object parts by the object creator at object creation time based upon conditional data. During runtime, the added logic may be run before the wrapped part of the object (e.g., a function) is executed and/or after execution of the object part. Validation and/or tracing operations may be run before the part of the object is executed as well as after the part of the object is executed. Objects that do not meet the conditional data criteria are created and returned without any added wrapping logic.

Classifications:

International (IPC 8-9): G06F11/36 G06F9/44
G06F9/45 (Advanced/Invention)

CPC: G06F11/3612 G06F11/3636 G06F8/437 G06F8/72 G06F11/34

US: 717/126



Family:

Publication number	Publication date	Application number	Application date
CA2960176 AA	20170303	CA20152960176	20150903
CO20170003243 A2	20170620	CO20170003243	20170403
EP3189429 A1	20170712	EP20150771773	20150903
MX2017002872 A1	20170530	MX20170002872	20150903
SG11201701782X A1	20170427	SG20171101782	20150903
US2016070636 AA	20160310	US20150843908	20150902
WO16036974 A1	20160310	WO2015US48392	20150903

Priority:

US20140046128P 20140904 US20150843908 20150902 WO2015US48392 20150903

Probable Assignee: HOME BOX OFFICE INC

Assignee(s): (std): HOME BOX OFFICE INC

Assignee(s): FURTWANGLER BRANDON C ; FURTWANGLER NATHAN J E ; FURTWANGLER TYLER R

Inventor(s): (std): BRANDON C FURTWANGLER ; FURTWANGLER BRANDON C ; FURTWANGLER NATHAN J E ; FURTWANGLER TYLER R ; NATHAN J E FURTWANGLER ; TYLER R FURTWANGLER

Agent(s): SMART AND BIGGAR; CAROLINA MERCEDES DAZA MONTALVO; GRUENECKER PATENT U RECHTSANWALTE PARTG MBB; MICHALIK ALBERT S ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

2) Family number: 23520957 (US2011035652A)

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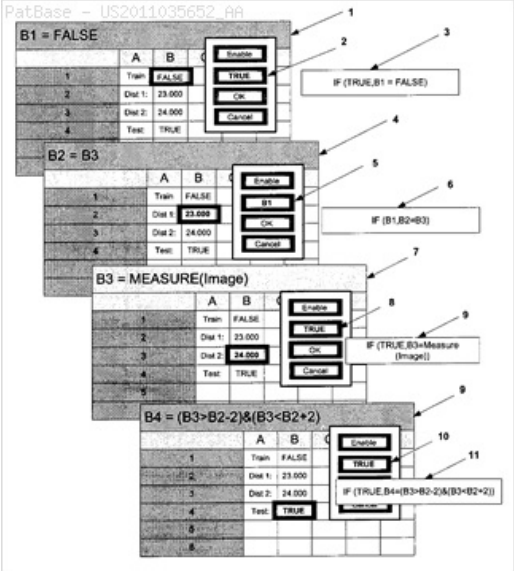
Title: CONDITIONAL CELL EXECUTION IN ELECTRONIC SPREADSHEETS

Abstract: Source: US2011035652A [EN] An improved electronic spreadsheet is provided for applications requiring conditional expression execution behavior. Each cell having an executable expression is cooperative with an implicit conditional execution wrapper. The execution of each cellular expression is implicitly conditioned on the state of an individually assigned logical switch expression. The improved electronic spreadsheet also includes a user interface by which a

user can assign logical switch expressions to a cell, or to a range of cells. The improved electronic spreadsheet facilitates the use of spreadsheets for wider range of applications than was possible with conventional electronic spreadsheets.

Classifications:

International (IPC 8-9): G06F17/00 G06F17/21 G06F17/24 G06F3/048 G06F7/00 G06Q10/00 G06Q10/06 G06T1/00 (Advanced/Invention); G06F17/24 G06F7/00 G06Q10/00 (Core/Invention)
International (IPC 1-7): G06F15/00 G06F15/76 G06F15/80 G06F17/00 G06F17/21 G06F17/24 G06F17/60 G06F19/00 G06F3/00 G06F5/00 G06T1/00 H04N1/00
CPC: G06F17/246 G06Q10/06 G06F8/313
European: G06F17/24S G06F8/313 G06Q10/06
US: 345/440 345/505 707/500 707/503 715/201 715/203 715/212 715/212P 715/216 715/217 715/219 715/220 715/500 715/503 715/504 715/509 715/904



Family:

Publication number	Publication date	Application number	Application date
EP1221101 A2	20020710	EP20000957463	20000809
EP1221101 A4	20030312	EP20000957463	20000809
EP1230787 A2	20020814	EP20000953910	20000809
EP1230787 A4	20030312	EP20000953910	20000809
JP2003527658 T2	20030916	JP20010516037T	20000809
JP2003535385 T2	20031125	JP20010515611T	20000809
US2011035652 AA	20110210	US20100907704	20101019
US6490600 BA	20021203	US19990370808	19990809
US6859907 BA	20050222	US19990370706	19990809
US7069499 BA	20060627	US20020244208	20020916
US7882426 BA	20110201	US19990370705	19990809
WO0111445 A2	20010215	WO2000US22383	20000809
WO0111445 A3	20010607	WO2000US22383	20000809
WO0111862 A2	20010215	WO2000US21787	20000809
WO0111862 A3	20010823	WO2000US21787	20000809
WO0111862 C2	20020711	WO2000US21787	20000809

Priority:

US19990160958P 19991022 US19990169514P 19991207 US20020244208 20020916
US19990370705 19990809 US19990370808 19990809 US19990370706 19990809
US20100907704 20101019 WO2000US22383 20000809 WO2000US21787 20000809

Probable Assignee: COGNEX TECHNOLOGY AND INVESTMENT LLC

Assignee(s): (std): COGNEX CORP ; COGNEX TECH AND INVESTMENT CORP ; MCGARRY JOHN

Assignee(s): COGNEX TECHNOLOGY AND INVESTMENT LLC ; COGNEX TECHNOLOGY AND I NV ; COGNEX TECHNOLOGY AND INVESTMENT CO ; COGNEX TECHNOLOGY AND INVESTMENT CORP

Inventor(s): (std): MCGARRY JOHN

Agent(s): COGNEX INTELLECTUAL PROPERTY DEPARTMENT CORP; RUSS; ANTHONY L

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT JP LI LU MC NL PT SE

3) Family number: 61843264 (US2016070579A)

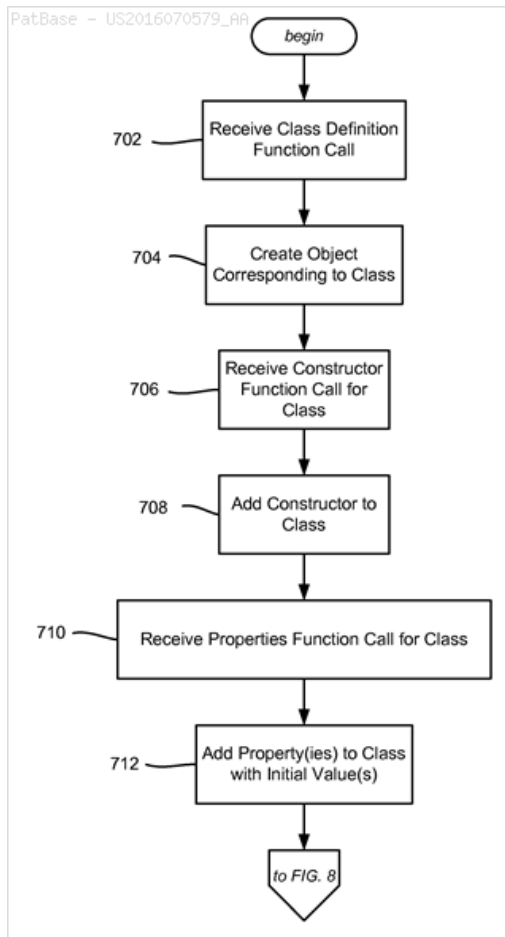
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Title: OBJECT-ORIENTED PROGRAMMING SYSTEM AND LIBRARY

Abstract: Source: US2016070579A [EN] The described technology is directed towards an object-oriented programming (OOP) system and library that maps conventional object-oriented concepts such as class hierarchies, interfaces, and static methods and properties onto a prototypal object system such as JavaScript(R). Various functions of the OOP system are called to create a class-like structure that is instantiated into an object instance upon request. The OOP system allows for use of a wrapper pattern to wrap selected objects with added functionality such as validation and tracing, and to provide enhanced functionality with respect to properties, such as to call a function associated with a property when the property's value changes, and/or to lazily generate property values only when accessed.

Classifications:

International (IPC 8-9): G06F9/44 (Advanced/Invention)
CPC: G06F8/315 G06F9/4488 G06F9/4428
US: 717/116

**Family:**

Publication number	Publication date	Application number	Application date
US2016070579 AA	20160310	US20150843916	20150902
US2017322817 AA	20171109	US20170657976	20170724
US9720702 BB	20170801	US20150843916	20150902
WO16036972 A1	20160310	WO2015US48389	20150903

Priority:

US20140046139P 20140904 US20150843916 20150902 US20170657976 20170724

Probable Assignee: HOME BOX OFFICE INC

Assignee(s): (std): HOME BOX OFFICE INC

Inventor(s): (std): FURTWANGLER NATHAN J E ; FURTWANGLER TYLER R ; FURTWANGLER BRANDON C

Agent(s): AMIN TUROCY AND WATSON LLP; MICHALIK ALBERT S ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

4) Family number: 61843260 (US2016070567A)

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Title: GENERATING RELATED TEMPLATED FILES

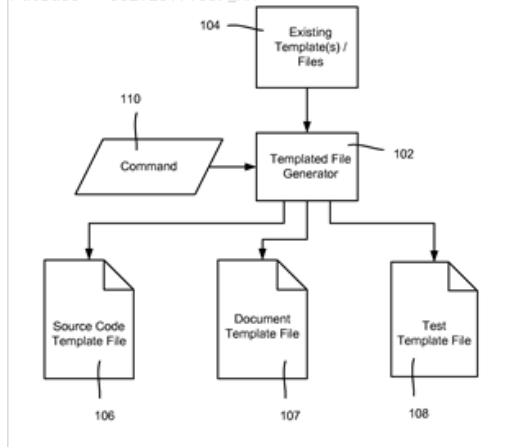
Abstract: Source: US2016070567A [EN] The described technology is directed towards generating related templated files based on a set of data associated with to another class registered with a document system. These files may be edited into a source code file, a document file and a test file for any derived class. At runtime, which may include the runtime execution of the object based upon the test file, an object based upon the source code file is instantiated. Part of the object (e.g., a function) may be validated during the runtime based upon validation information in the document file.

Classifications:

International (IPC 8-9): G06F11/36 G06F9/44 (Advanced/Invention)

CPC: G06F8/71 G06F8/30 G06F8/315 G06F11/3672

US: 717/122

**Family:**

Publication number	Publication date	Application number	Application date
US2016070567 AA	20160310	US20150843904	20150902
WO16036975 A1	20160310	WO2015US48394	20150903

Priority:

US20140046081P 20140904 US20150843904 20150902

Probable Assignee: HOME BOX OFFICE INC

Assignee(s): (std): HOME BOX OFFICE INC

Inventor(s): (std): CLARK BRENDAN JOSEPH ; FURTWANGLER BRANDON C ; FURTWANGLER TYLER R

Agent(s): MICHALIK ALBERT S ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW