

1) Family number: 63191214 (US2016239237A)

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Title: EXTERNALIZED EXECUTION OF INPUT METHOD EDITOR

Abstract: A facility for processing textual input generated with a user input device described. In one example facility, the facility stores the textual input in a first data structure contained in the address space of a first process. The facility synchronizes contents of the first data structure to a second data structure contained in the address space of a second process distinct from the first process, an application executing in the second process being configured to consume textual input synchronized to the second data structure.

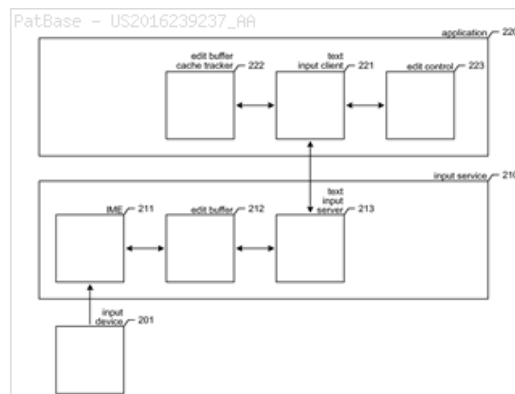
Classifications:

International (ipc 8-9): G06F G06F12/00 G06F17/22 G06F17/24 G06F17/27 G06F3/00 G06F3/023 G06F3/06 G06F9/54 (Advanced/Invention)

International (ipc 1-7): G06F17/22 G06F17/24 G06F17/27 G06F3/023

CPC: G06F3/0638 G06F3/0619 G06F3/0683 G06F17/24 G06F9/544

US: 711/159



Family:

Publication number	Publication date	Application number	Application date
AU2016218367 AA	20160818	AU20160218367	20160203
BR112017015354 A2	20180116	BR20171115354	20160203
CA2974728 AA	20170721	CA20162974728	20160203
CL2017001965 A1	20180209	CL20170001965	20170802
CN107430596 A	20171201	CN201680010131	20160203
CO20170008229 A2	20171110	CO20170008229	20170815
EP3256957 A1	20171220	EP20160704359	20160203
ID201800773 A	20180126	ID2017P0005238	20160203
IL253281 A0	20170928	IL20160253281	20160203
IN201717027591 A	20171006	IN201717027591	20170803
JP2018512632 T2	20180517	JP20170538233T	20160203
KR20170115577 A	20171017	KR20177024870	20160203
MX2017010080 A1	20171123	MX20170010080	20160203
SG11201706248T A1	20170830	SG20171106248	20160203
US2016239237 AA	20160818	US20150825095	20150812
US9959069 BB	20180501	US20150825095	20150812
WO16130367 A1	20160818	WO2016US16238	20160203

Priority:

US20150115585P 20150212 US20150825095 20150812 WO2016US16238 20160203

Probable Assignee: MICROSOFT TECHNOLOGY LICENSING LLC

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Agent(s): DAVIES COLLISON CAVE PTY LTD; SMART AND BIGGAR; ESTUDIO VILLASECA Y CIA; LUZ HELENA ADARVE GOMEZ; CMS CAMERON MCKENNA NABARRO OLSWANG LLP; LANNY SETIAWAN MBA MMGT MA LPC MA LMFT; INABA YOSHIYUKI; FOUNTAINHEAD LAW GROUP PC; MINHAS SANDIP 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: 62553942 (US2016162374A)

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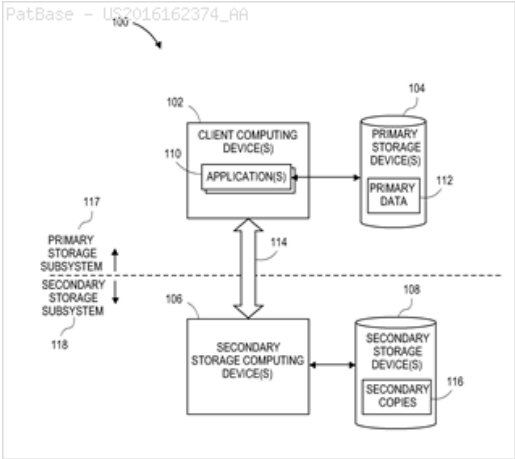
Title: SECONDARY STORAGE EDITOR

Abstract: Systems and methods for storage pruning can enable users to delete, edit, or copy backed up data that matches a pattern. Storage pruning can enable fine-grain deletion or copying of these files from backups stored in secondary storage devices. Systems and methods can also enable editing of metadata associated with backups so that when the backups are restored or browsed, the logical edits to the metadata can then be performed physically on the data to create a custom restore or a custom view. A user may perform operations such as renaming, deleting, modifying flags, and modifying retention policies on backed up items. Although the underlying data in the backup may not change, the view of the backup

data when the user browses the backup data can appear to include the user's changes. A restore of the data can cause those changes to be performed on the backup data.

Classifications:

International (IPC 8-9): G06F11/00 G06F11/14 G06F12/14
G06F3/0484 G06F3/06 (Advanced/Invention)
CPC: G06F11/1451 G06F3/06 G06F3/0619 G06F3/065 G06F3/0683
G06F12/1408 G06F3/0638 G06F2212/402 G06F11/1469 G06F3/0605
G06F3/0629 G06F3/067
US: 711/162 714/19



Family:

Publication number	Publication date	Application number	Application date
US2016162374 AA	20160609	US20150659230	20150316
US2017031617 AA	20170202	US20160199355	20160630
US9632713 BB	20170425	US20150659230	20150316

Priority:

US20140087098P 20141203 US20150659230 20150316 US20160199355 20160630

Probable Assignee: COMMVAULT SYSTEMS INC

Assignee(s): (std): COMMVAULT SYSTEMS INC

Inventor(s): (std): BEDADALA PAVAN KUMAR REDDY ; MUTHA MANAS BHIKCHAND ; SINHA PROSENJIT

Agent(s): KNOBBE MARTENS OLSON AND BEAR LLP

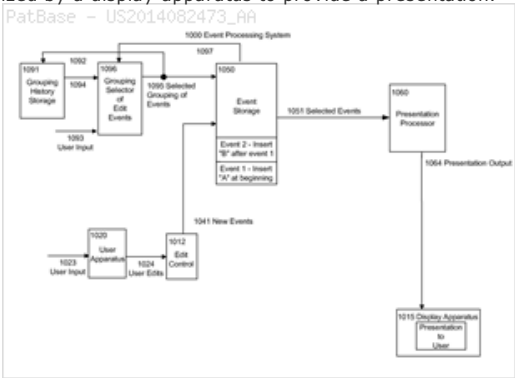
3) Family number: 56021916 (US2014082473A) © PatBase

Title: SYSTEMS AND METHODOLOGIES OF EVENT CONTENT BASED DOCUMENT EDITING, GENERATING OF RESPECTIVE EVENTS COMPRISING EVENT CONTENT, THEN DEFINING A SELECTED SET OF EVENTS, AND GENERATING OF A DISPLAY PRESENTATION RESPONSIVE TO PROCESSING SAID SELECTED SET OF EVENTS, FOR ONE TO MULTIPLE USERS

Abstract: Event processing is provided responsive to users' input, to provide a display. Event storage stores event content for a plurality of events. The event content is comprised of an edit event reference identifying a position relative to another event, and change data. The events are entered in an ordering of an entry order of input. Selection means select a plurality of the events as a selected set of events. The events in the selected set can comprise less than all the events between a first event and a last event within the ordering. A presentation processor assembles the events in a defined order, utilizing respective change data for each respective said event responsive to a respective edit event reference for each respective said event, to generate a presentation output of presentation data utilized by a display apparatus to provide a presentation.

Classifications:

International (IPC 8-9): G06F17/00 (Advanced/Invention)
CPC: G06Q10/101 G06F17/00 G06F17/24
US: 715/230 715/255



Family:

Publication number	Publication date	Application number	Application date
US2014082473 AA	20140320	US20120616961	20120914

Priority:

US20120616961 20120914

Probable Assignee: SITRICK DAVID

Assignee(s): (std): FLING RUSSELL T ; SITRICK DAVID H

Assignee(s): SITRICK DAVID

Inventor(s): (std): FLING RUSSELL T ; SITRICK DAVID H

4) Family number: 43652754 (US2009216690A) © PatBase

Title: PREDICTING CANDIDATES USING INPUT SCOPES

Abstract: Embodiments are configured to provide one or more candidates based in part on an input identifier associated with an input interface. In an embodiment, a system includes an input method editor (IME) that can be configured to provide one or more candidates based in part on a prediction model and one or more input scope values associated with an input interface. The IME can also operate to store an entered string including one or more associated input scope values to a storage component. The stored information can be used when suggesting candidates.

Classifications:

International (IPC 8-9): G06F17/00 G06F17/20 G06N5/00

G06N5/02 (Advanced/Invention);

G06F17/00 G06N5/00 (Core/Invention)

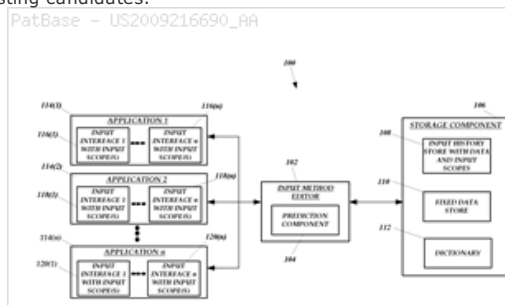
CPC: G06F3/0237 H04M1/274558 H04M1/274583 H04M1/72552

H04M1/72561 H04M2001/274541

European: G06F3/023M8 H04M1/2745M T04M1/2745F T04M1/2745S

T04M1/725F1M4 T04M1/725F1W

US: 706/11 706/11P 706/15 706/46 706/46S

**Family:**

Publication number	Publication date	Application number	Application date
US2009216690 AA	20090827	US20080037637	20080226
US2011270786 AA	20111103	US20110179008	20110708
US8010465 BB	20110830	US20080037637	20080226
US8126827 BB	20120228	US20110179008	20110708

Priority:

US20080037637 20080226 US20110179008 20110708

Probable Assignee: MICROSOFT TECHNOLOGY LICENSING LLC

Assignee(s): (std): BADGER ERIC ; BOWER JASON MICHAEL ; LINERUD DREW ELLIOTT ; MICROSOFT CORP ; ROBBINS DARYN ELLIOT

Assignee(s): MICROSOFT TECHNOLOGY LICENSING LLC

Inventor(s): (std): ROBBINS DARYN ELLIOT ; LINERUD DREW ELLIOTT ; BOWER JASON MICHAEL ; BADGER ERIC

Agent(s): MERCHANT AND GOULD MICROSOFT; MERCHANT AND GOULD

5) Family number: 28634972 (US2003110472A)

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Title: METHOD AND SYSTEM FOR GENERATING PROGRAM SOURCE CODE OF A COMPUTER APPLICATION FROM AN INFORMATION MODEL

Abstract: A method for generating program source code of a computer application from an information model representing a high level specification of the computer application, comprises a step of inserting reconciliation annotations in the program source code, the reconciliation annotations representing a modification rule and a modification state for each language element contained in the generated source code. Then, upon receiving a current version of the program source code, the current version resulting from the modification by a user of an old generated version of the program source code, and a new generated version of the program source code, the new version reflecting changes in the application information model, a step of reconciling the current version with the new version of the program source code according to the reconciliation annotations inserted in each of the current and new program source code versions, and a step of generating a reconciled version of the program source code are performed.

Classifications:

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

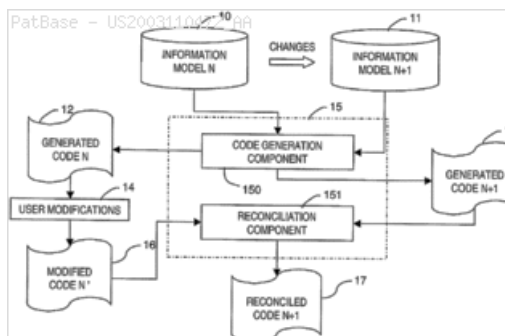
G06F9/44 (Core/Invention)

International (IPC 1-7): G06F9/44

CPC: G06F8/71

European: G06F8/71

US: 717/106 717/106S 717/122 717/122P

**Family:**

Publication number	Publication date	Application number	Application date
US2003110472 AA	20030612	US20020138892	20020502
US7032210 BB	20060418	US20020138892	20020502

Priority:

EP20010480113 20011111 EP20010480113 20011113

Probable Assignee: IBM

Assignee(s): (std): IBM

Assignee(s): INT BUSINESS MACHINES CORP

Inventor(s): (std): ALLOING FRANCOIS ; FOUCHER MARIE ; MACQUET XAVIER

6) Family number: 61862910 (US2016078245A)

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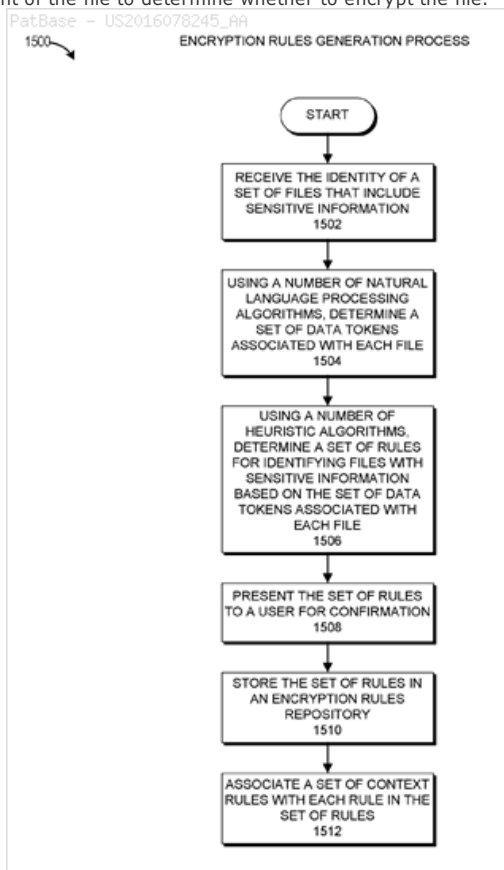
Abstract: Data storage systems are disclosed for automatically generating encryption rules based on a set of training files that are known to include sensitive information. The system may use a number of heuristic algorithms to generate one or more encryption rules for determining whether a file includes sensitive information. Further, the system may apply the heuristic algorithms to the content of the files, as determined by using natural language processing algorithms, to generate the encryption rules. Moreover, systems are disclosed that are capable of automatically determining whether to encrypt a file based on the generated encryption rules. The content of the file may be determined using natural language processing algorithms and then the encryption rules may be applied to the content of the file to determine whether to encrypt the file.

Classifications:

International (IPC 8-9): G06F12/14 G06F17/27 G06F17/30
G06F21/60 G06F21/62 G06N5/02 G06N99/00 H04L29/06 H04L29/08
H04L9/00 (Advanced/Invention)

CPC: H04L63/0428 H04L67/10 G06F12/1408 G06N5/02
G06F2212/1052 G06F2212/402 G06F17/3012 G06N99/005
G06F17/27 G06F21/602 G06F21/6218 G06F2221/2107

US: 1/1 713/193 726/1

**Family:**

Publication number	Publication date	Application number	Application date
US2016078245 AA	20160317	US20140489222	20140917
US2016306751 AA	20161020	US20160197473	20160629
US2016306984 AA	20161020	US20160195681	20160628
US2018032446 AA	20180201	US20170632145	20170623
US9405928 BB	20160802	US20140489222	20140917
US9720849 BB	20170801	US20160195681	20160628
US9727491 BB	20170808	US20160197473	20160629
US9984006 BB	20180529	US20170632145	20170623

Priority:

US20140489222 20140917 US20160195681 20160628 US20160197473 20160629
US20170632145 20170623

Probable Assignee: COMMAVULT SYSTEMS INC

Assignee(s): (std): COMMAVULT SYSTEMS INC

Inventor(s): (std): AMARENDRAN ARUN PRASAD ; CHATTERJEE TIRTHANKAR ; LIU YONGTAO ; YUAN YUN

Agent(s): KNOBBE MARTENS OLSON AND BEAR LLP

7) Family number: 53468344 (US2013151940A)

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Title: TECHNIQUES TO MANAGE COLLABORATIVE DOCUMENTS

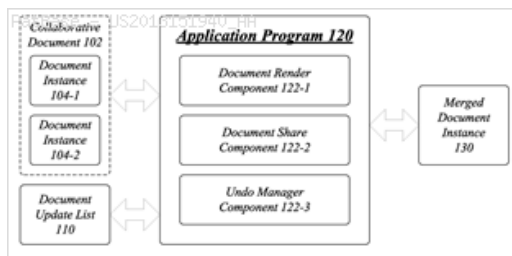
Abstract: Techniques to manage collaborative documents are described. An application program may comprise a document render component to render a first document instance of a collaborative document, a document share component to receive a document update list comprising a set of change records for a second document instance of the collaborative document, and modify properties of one or more constructs for the first document instance based on the change records to form a merged document instance of the collaborative document, and an undo manager component to manage a local undo stack for the first document instance, the local undo stack comprising a set of undo records, and determine whether to preserve one or more of the undo records of the local undo stack after formation of the merged document instance based on one or more of the change records. Other embodiments are described and claimed.

Classifications:

International (IPC 8-9): G06F11/14 G06F17/00 G06F17/22
G06F17/24 G06F17/30 G06F9/34 (Advanced/Invention)

CPC: G06F17/2288 G06F11/1464 G06F17/30011 G06F17/241
G06F17/30575 G06F2201/84 G06F17/24 G06F11/1446

US: 1/1 707/608 715/229



Family:

Publication number	Publication date	Application number	Application date
■ CN102999482 A	20130327	CN201210532091	20121211
■ CN102999482 B	20161221	CN201210532091	20121211
■ US2013151940 AA	20130613	US20110316763	20111212
■ US2015269033 AA	20150924	US20150709819	20150512
■ US9053079 BB	20150609	US20110316763	20111212
■ US9977715 BB	20180522	US20150709819	20150512

Priority:

US20110316763 20111212 US20150709819 20150512

Probable Assignee: MICROSOFT TECHNOLOGY LICENSING LLC

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Inventor(s): (std): BAILOR JONATHAN ; BAYLE J ; MARSHALL B ; MARSHALL BRIAN ; WOOD M ; WOOD MATTHEW

Agent(s): AARON; JESSICA; MICKY