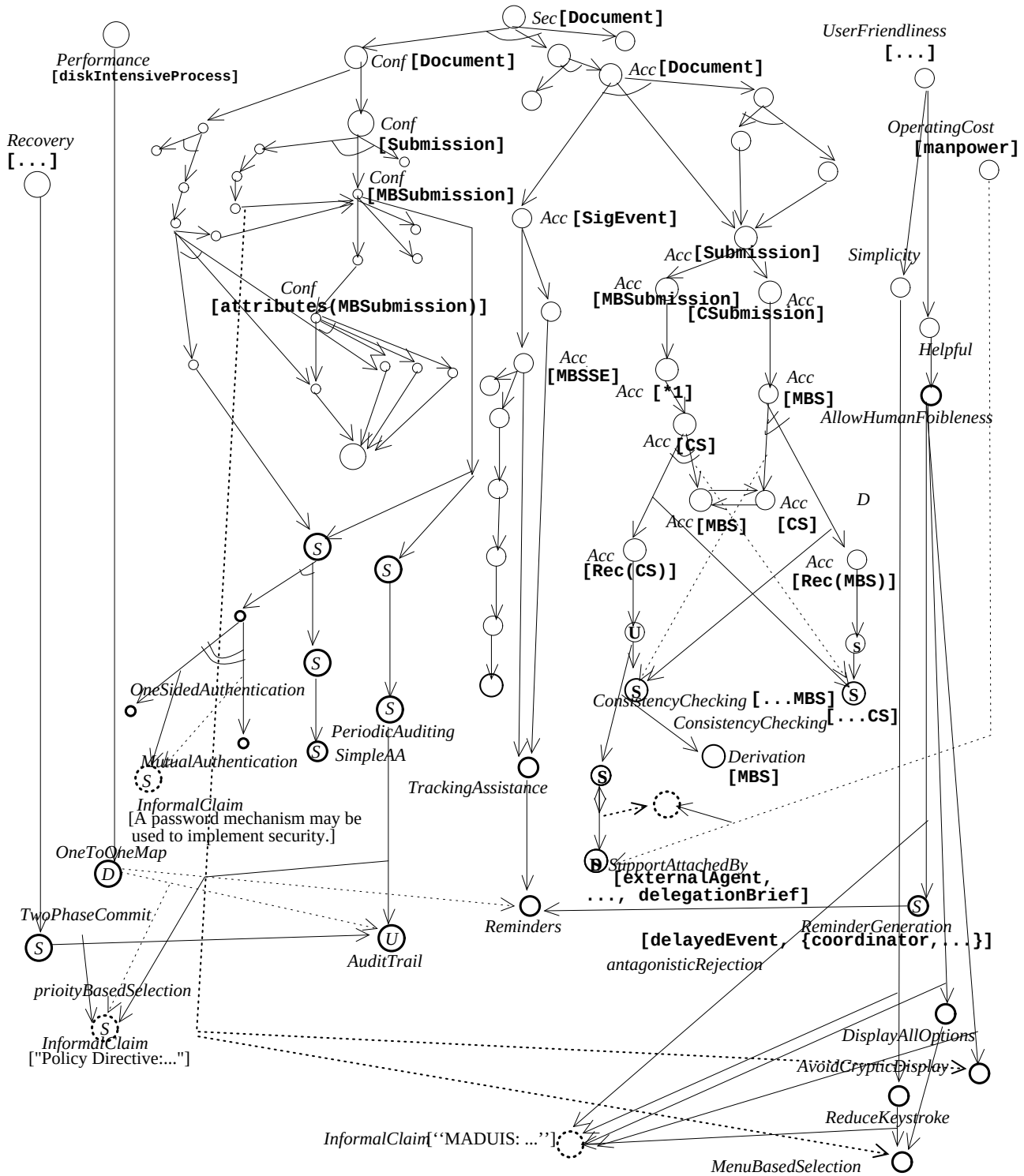
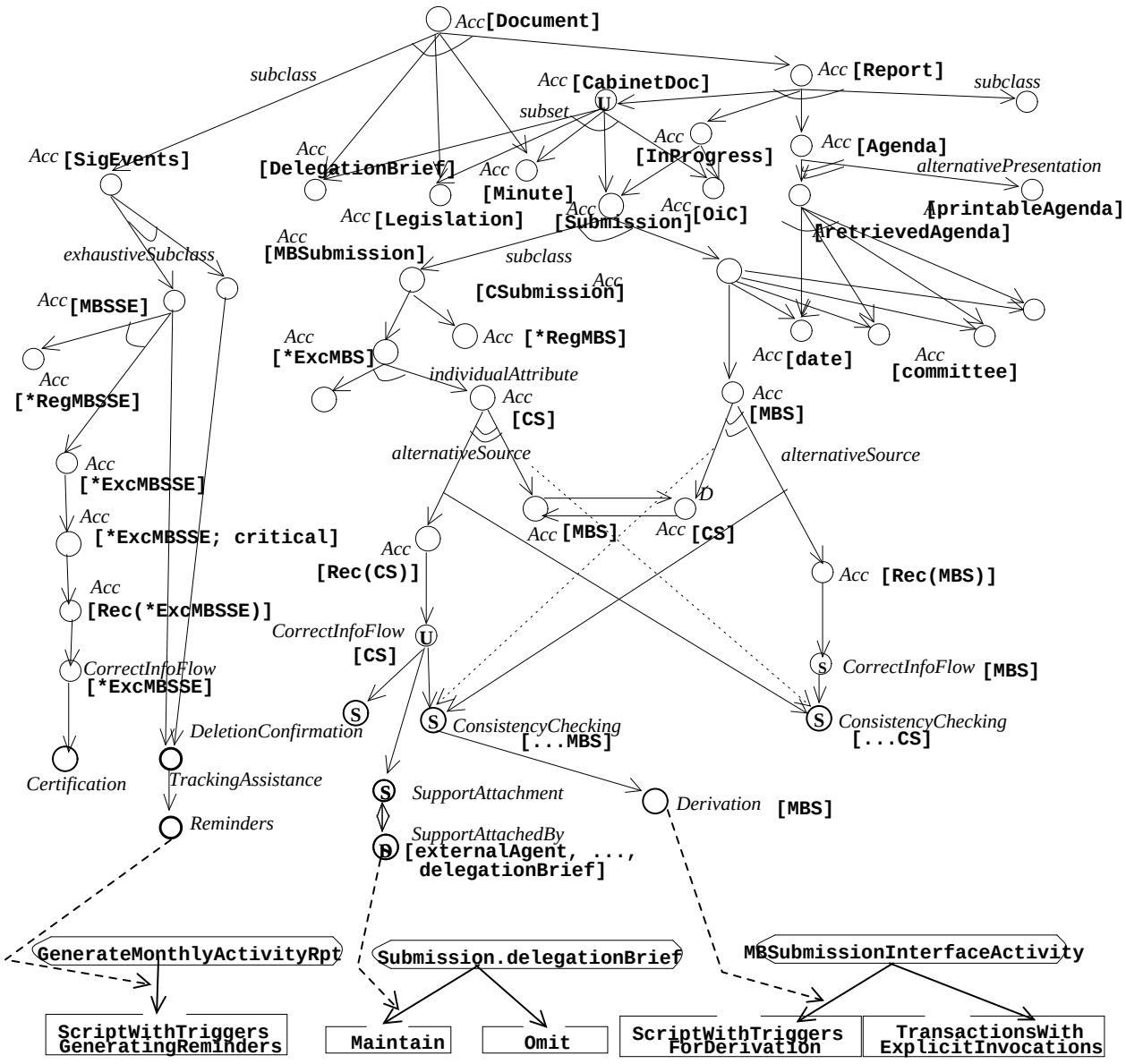
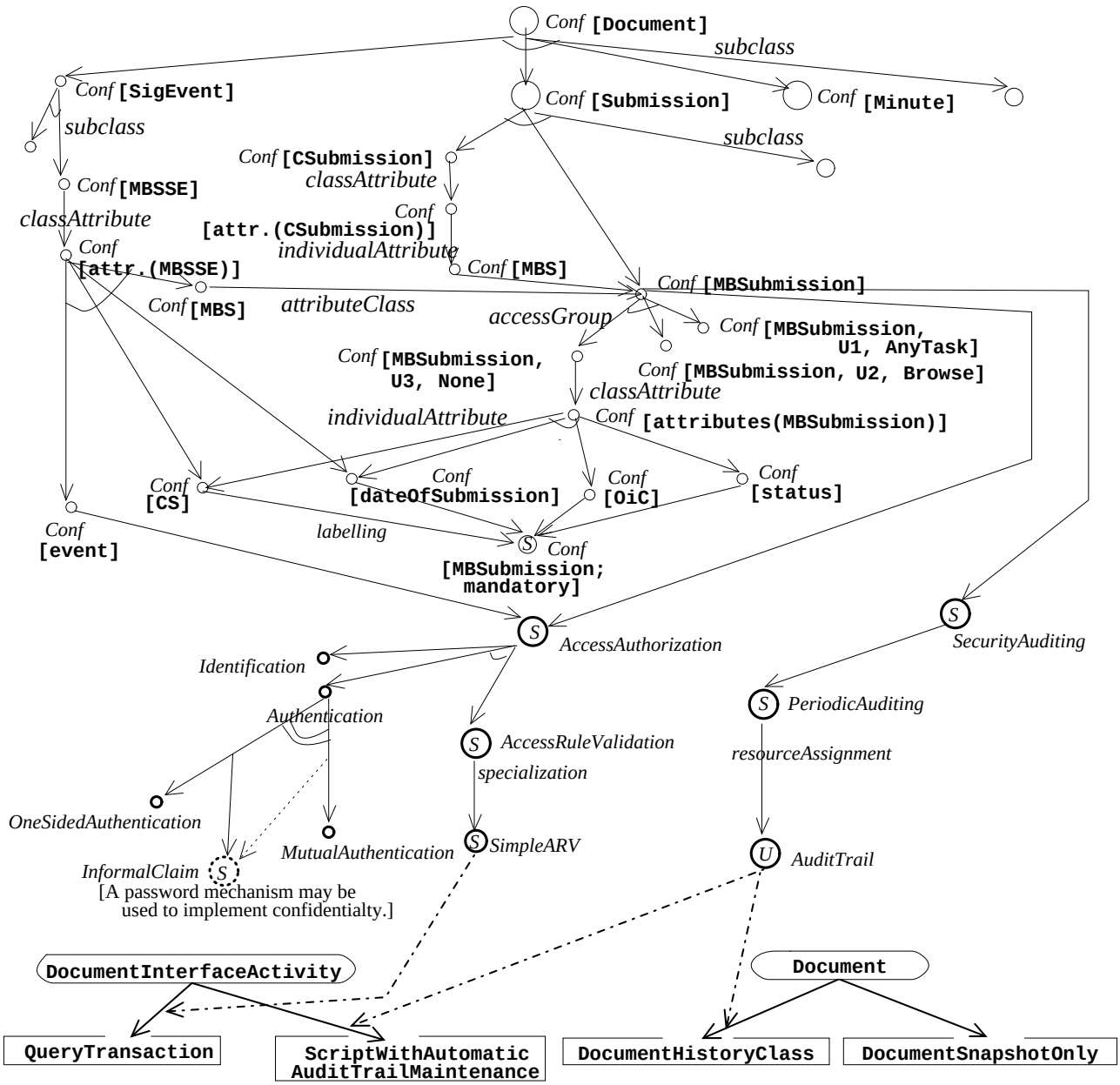
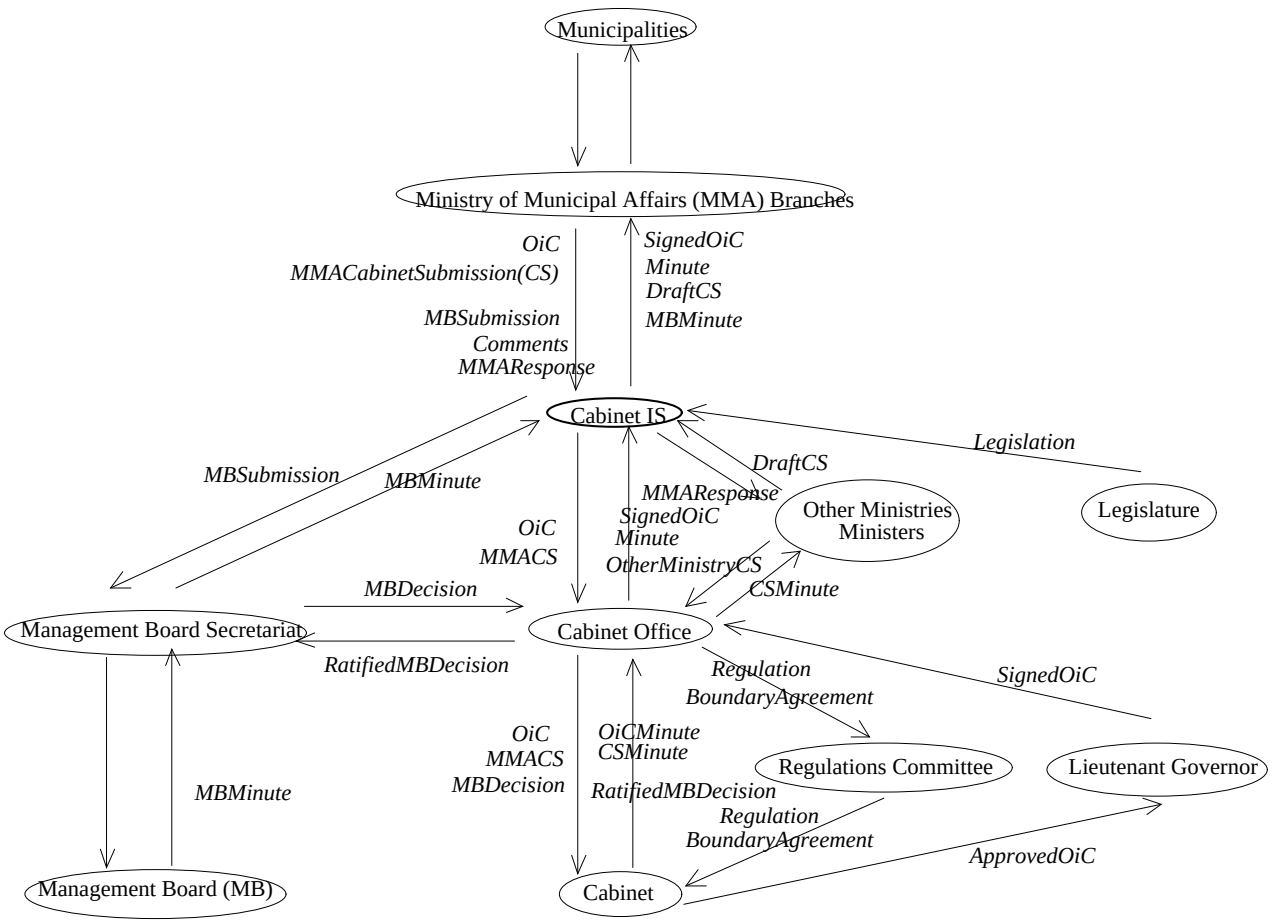

Sec [Document]
Performance [diskIntensiveProcess]
Conf [Document]
Acc [Document]
UserFriendliness [...]
Recovery [...]
Conf [Submission]
OperatingCost [manpower]
Conf [MBSubmission]
Acc [SigEvent]
Acc [Submission]
Simplicity
Conf [attributes(MBSubmission)]
Acc [MBSubmission]
Acc [CSubmission]
Helpful
Acc [MBSSE]
Acc [*1]
Acc [MBS]
AllowHumanFoibleness
Acc [CS]
D
Acc [MBS]
Acc [CS]
Acc [Rec(CS)]
Acc [Rec(MBS)]
OneSidedAuthentication
ConsistencyChecking [...MBS]
ConsistencyChecking [...CS]
PeriodicAuditing
SimpleAA
MutualAuthentication
Derivation [MBS]
TrackingAssistance
InformalClaim
[A password mechanism may be used to implement security.]
OneToOneMap
SupportAttachedBy [externalAgent, ..., delegationBrief]
TwoPhaseCommit
Reminders
ReminderGeneration
[delayedEvent, {coordinator,...}]
AuditTrail
antagonisticRejection
prioityBasedSelection
InformalClaim ["Policy Directive:..."]
DisplayAllOptions
AvoidCrypticDisplay
ReduceKeystroke
InformalClaim [''MADUIS: ...'']
MenuBasedSelection

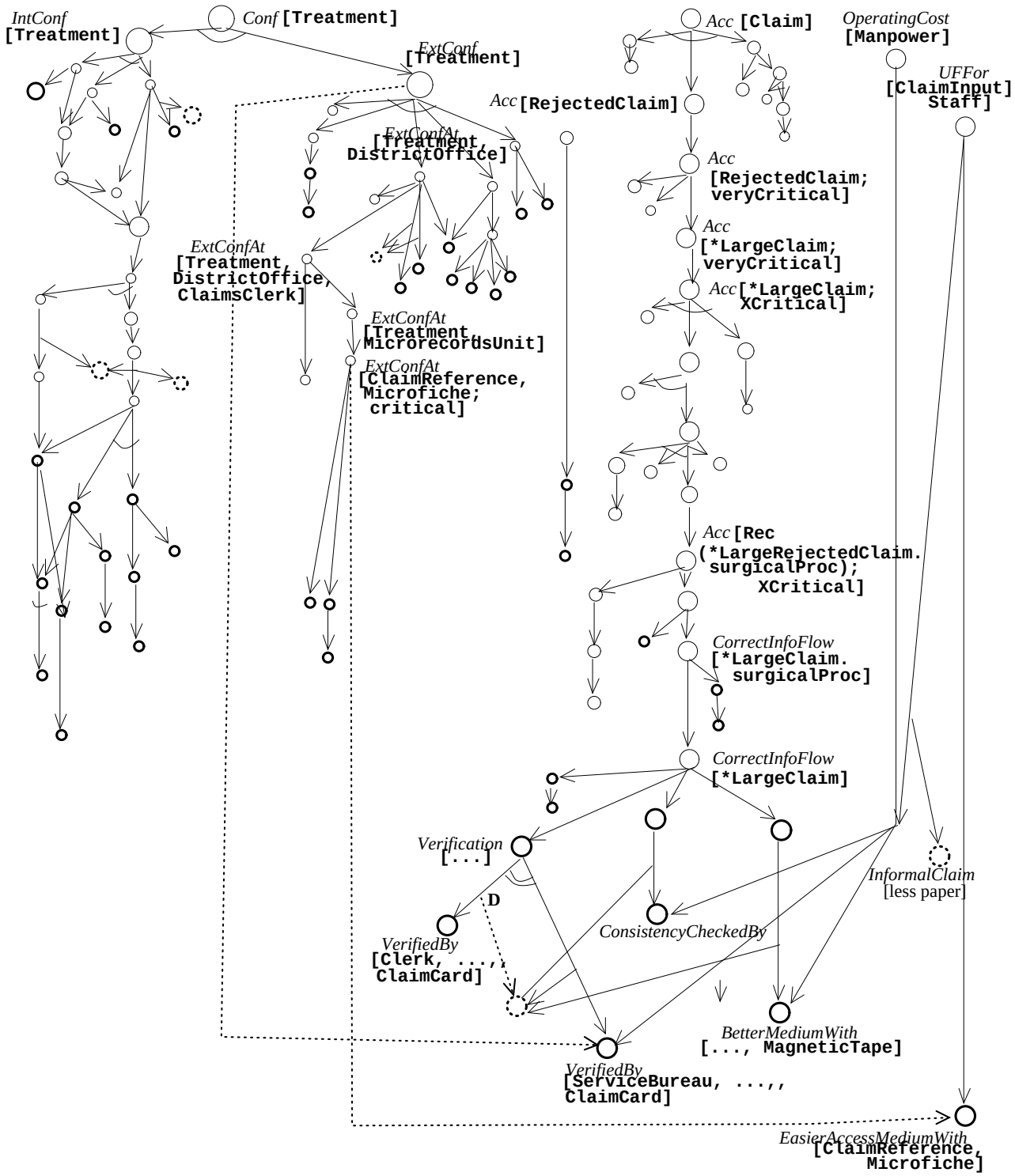


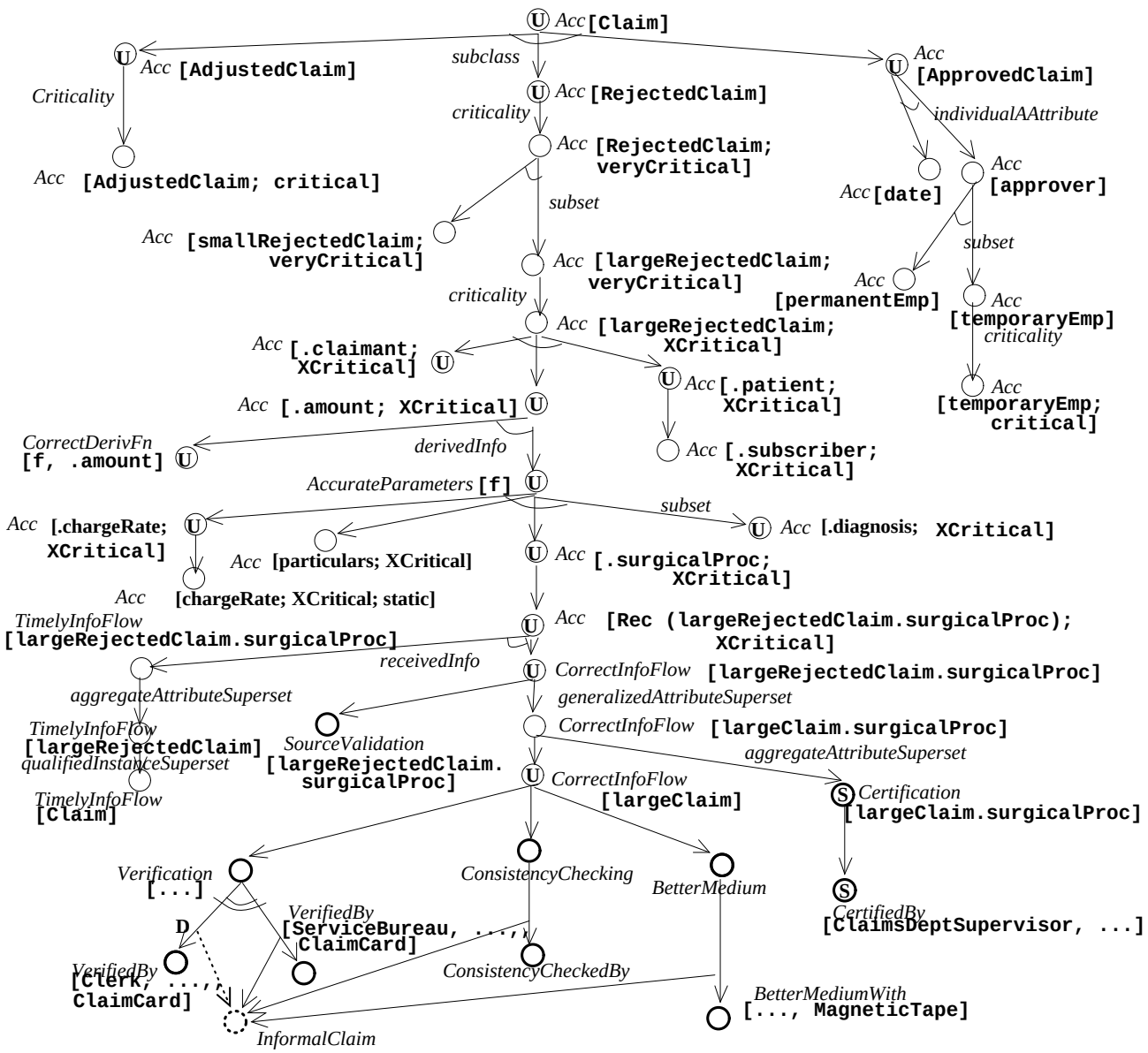
where

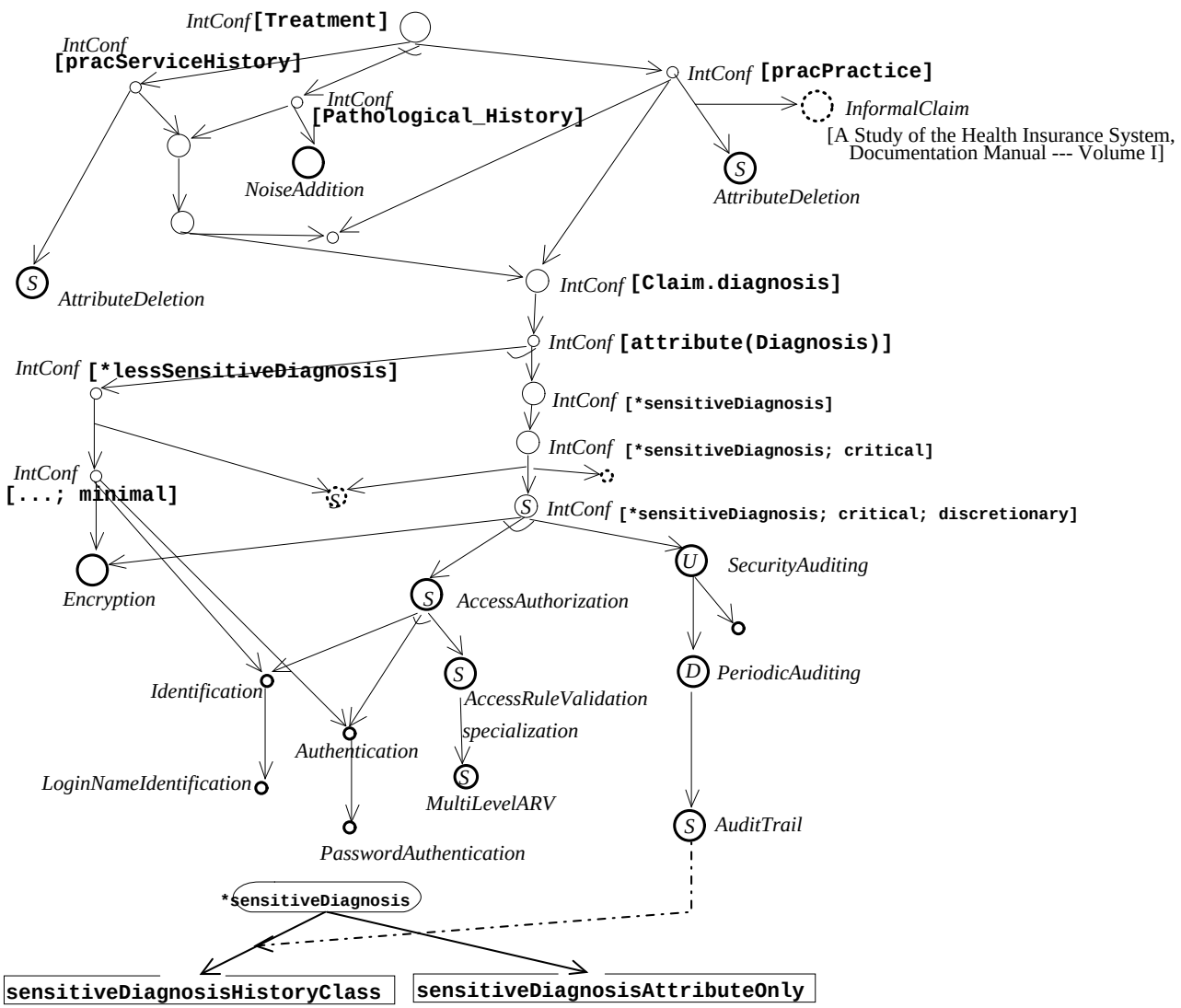
```
[*ExcMBS]: [{x| x in MBSubmission and
                x.status = inProgress and now - x.dateOfSubmission > 90 days]
[*RegMBS]: [{x| x in MBSubmission and
                x.status = inProgress and now - x.dateOfSubmission <= 90 days]
   [*ExcMBSSE]: [{x|x in MBSSE and
      ~ exists y (y in x.event and (y.date after today) or (today - y.date > 30 days))]
   [*RegMBSSE]: [{x|x in MBSSE and
      exists y (y in x.event and (y.date after today) or (today - y.date > 30 days))]
```


Conf [Document]
subclass
Conf [SigEvent]
Conf [Submission]
Conf [Minute]
subclass
subclass
Conf [CSubmission]
classAttribute
Conf [MBSSE]
classAttribute
Conf [attr.(CSubmission)]
individualAttribute
Conf [attr.(MBSSE)]
Conf [MBS]
Conf [MBS]
attributeClass
Conf [MBSubmission]
accessGroup
Conf [MBSubmission, U1, AnyTask]
Conf [MBSubmission, U3, None]
Conf [MBSubmission, U2, Browse]
classAttribute
individualAttribute
Conf [attributes(MBSubmission)]
Conf [CS]
Conf [dateOfSubmission]
Conf [OiC]
Conf [status]
Conf [event]
labelling
S
Conf [MBSubmission; mandatory]
S
AccessAuthorization
S
SecurityAuditing
Identification
Authentication
S
AccessRuleValidation
S
PeriodicAuditing
specialization
resourceAssignment
OneSidedAuthentication
MutualAuthentication
S
SimpleARV
U
AuditTrail
InformalClaim
S
[A password mechanism may be used to implement confidentialty.]
DocumentInterfaceActivity
Document
QueryTransaction
ScriptWithAutomatic AuditTrailMaintenance
DocumentHistoryClass
DocumentSnapshotOnly

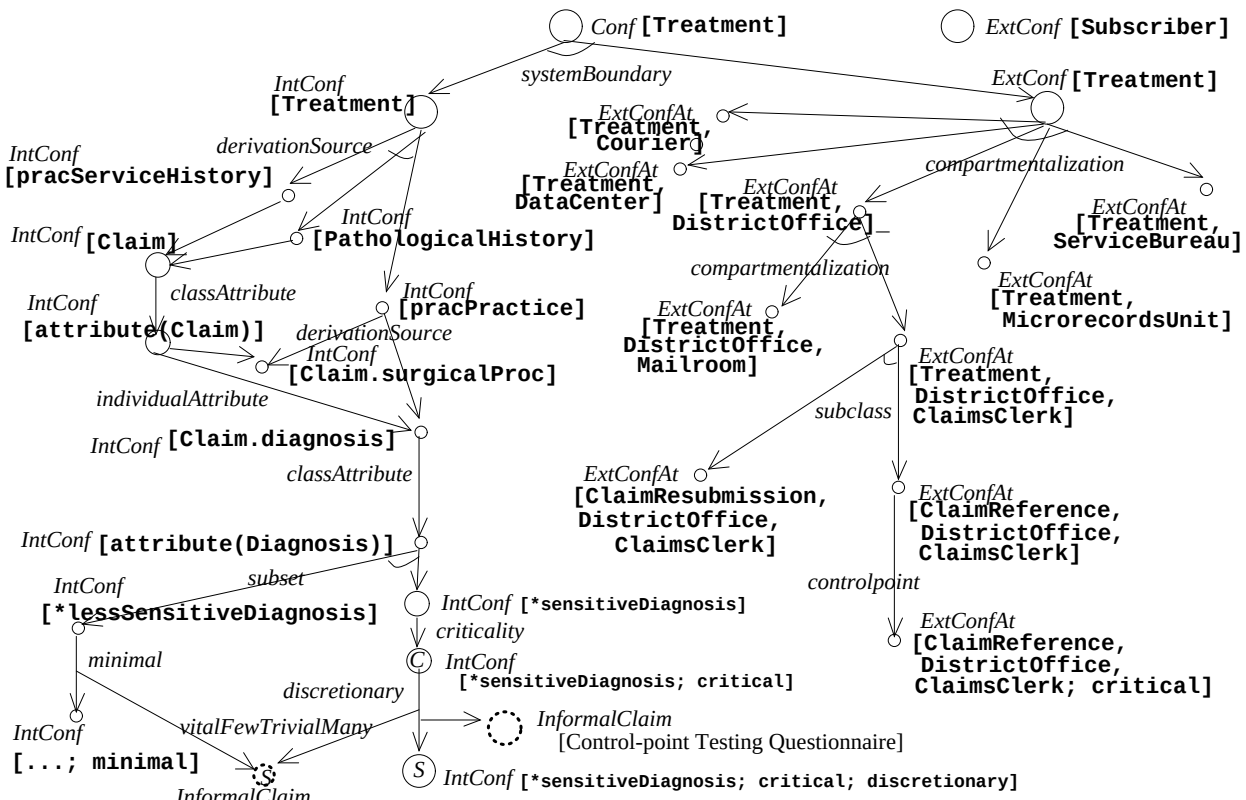

Municipalities
Ministry of Municipal Affairs (MMA) Branches
OiC
MMACabinetSubmission(CS)
MBSubmission
Comments
MMAResponse
SignedOiC
Minute
DraftCS
MBMinute
Cabinet IS
Legislation
DraftCS
MMAResponse
SignedOiC
Minute
OtherMinistryCS
Other Ministries
Ministers
Legislature
MBSubmission
MBMinute
OiC
MMACS
MBDecision
CSMinute
Management Board Secretariat
Cabinet Office
RatifiedMBDecision
Regulation
BoundaryAgreement
SignedOiC
OiC
MMACS
MBDecision
OiCMinute
CSMinute
Regulations Committee
Lieutenant Governor
MBMinute
RatifiedMBDecision
Regulation
BoundaryAgreement
ApprovedOiC
Management Board (MB)
Cabinet


IntConf
[Treatment]
Conf [Treatment]
ExtConf
[Treatment]
ExtConfAt
[Treatment,
DistrictOffice]
ExtConfAt
[Treatment,
DistrictOffice,
ClaimsClerk]
ExtConfAt
[Treatment
MicrorecordsUnit]
ExtConfAt
[ClaimReference,
Microfiche;
critical]
Acc [Claim]
Acc [RejectedClaim]
Acc
[RejectedClaim;
veryCritical]
Acc
[*LargeClaim;
veryCritical]
Acc [*LargeClaim;
XCritical]
Acc [Rec
(*LargeRejectedClaim.
surgicalProc);
XCritical]
CorrectInfoFlow
[*LargeClaim.
surgicalProc]
CorrectInfoFlow
[*LargeClaim]
OperatingCost
[Manpower]
UFFor
[ClaimInput]
Staff]
Verification
[...]
D
VerifiedBy
[Clerk, ...,
ClaimCard]
ConsistencyCheckedBy
InformalClaim
[less paper]
BetterMediumWith
[..., MagneticTape]
VerifiedBy
[ServiceBureau, ...,,
ClaimCard]
EasierAccessMediumWith
[ClaimReference,
Microfiche]

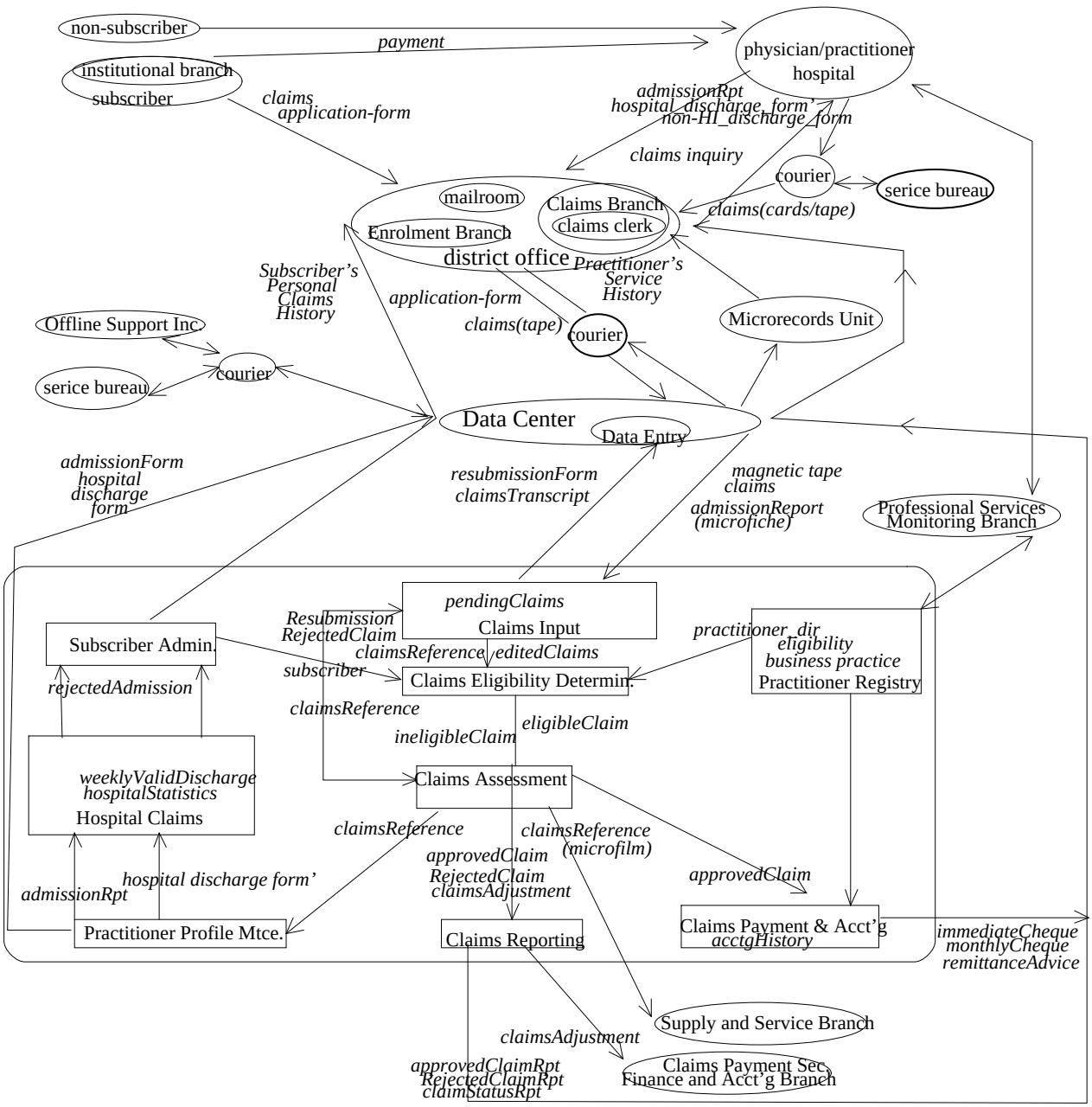

U Acc [Claim]
U Acc [AdjustedClaim]
subclass
U Acc [ApprovedClaim]
Criticality
U Acc [RejectedClaim]
criticality
individualAAttribute
Acc [RejectedClaim; veryCritical]
Acc [AdjustedClaim; critical]
Acc [date]
Acc [approver]
subset
Acc [smallRejectedClaim; veryCritical]
subset
Acc [largeRejectedClaim; veryCritical]
Acc [permanentEmp]
criticality
Acc [largeRejectedClaim; XCritical]
Acc [temporaryEmp]
criticality
Acc [.claimant; XCritical]
U
U Acc [.patient; XCritical]
Acc [temporaryEmp; critical]
Acc [.amount; XCritical]
U
Acc [.subscriber; XCritical]
CorrectDerivFn [f, .amount]
U
derivedInfo
AccurateParameters [f]
U
subset
Acc [.chargeRate; XCritical]
U
U Acc [.diagnosis; XCritical]
Acc [particulars; XCritical]
U Acc [.surgicalProc; XCritical]
Acc [chargeRate; XCritical; static]
TimelyInfoFlow [largeRejectedClaim.surgicalProc]
U Acc [Rec (largeRejectedClaim.surgicalProc); XCritical]
receivedInfo
U CorrectInfoFlow [largeRejectedClaim.surgicalProc]
aggregateAttributeSuperset
generalizedAttributeSuperset
TimelyInfoFlow [largeRejectedClaim]
SourceValidation [largeRejectedClaim. surgicalProc]
CorrectInfoFlow [largeClaim.surgicalProc]
qualifiedInstanceSuperset
aggregateAttributeSuperset
U CorrectInfoFlow [largeClaim]
S Certification [largeClaim.surgicalProc]
TimelyInfoFlow [Claim]
Verification [...]
ConsistencyChecking
BetterMedium
S CertifiedBy [ClaimsDeptSupervisor, ...]
VerifiedBy [ServiceBureau, ..., ClaimCard]
D
VerifiedBy [Clerk, ..., ClaimCard]
ConsistencyCheckedBy
BetterMediumWith [..., MagneticTape]
InformalClaim

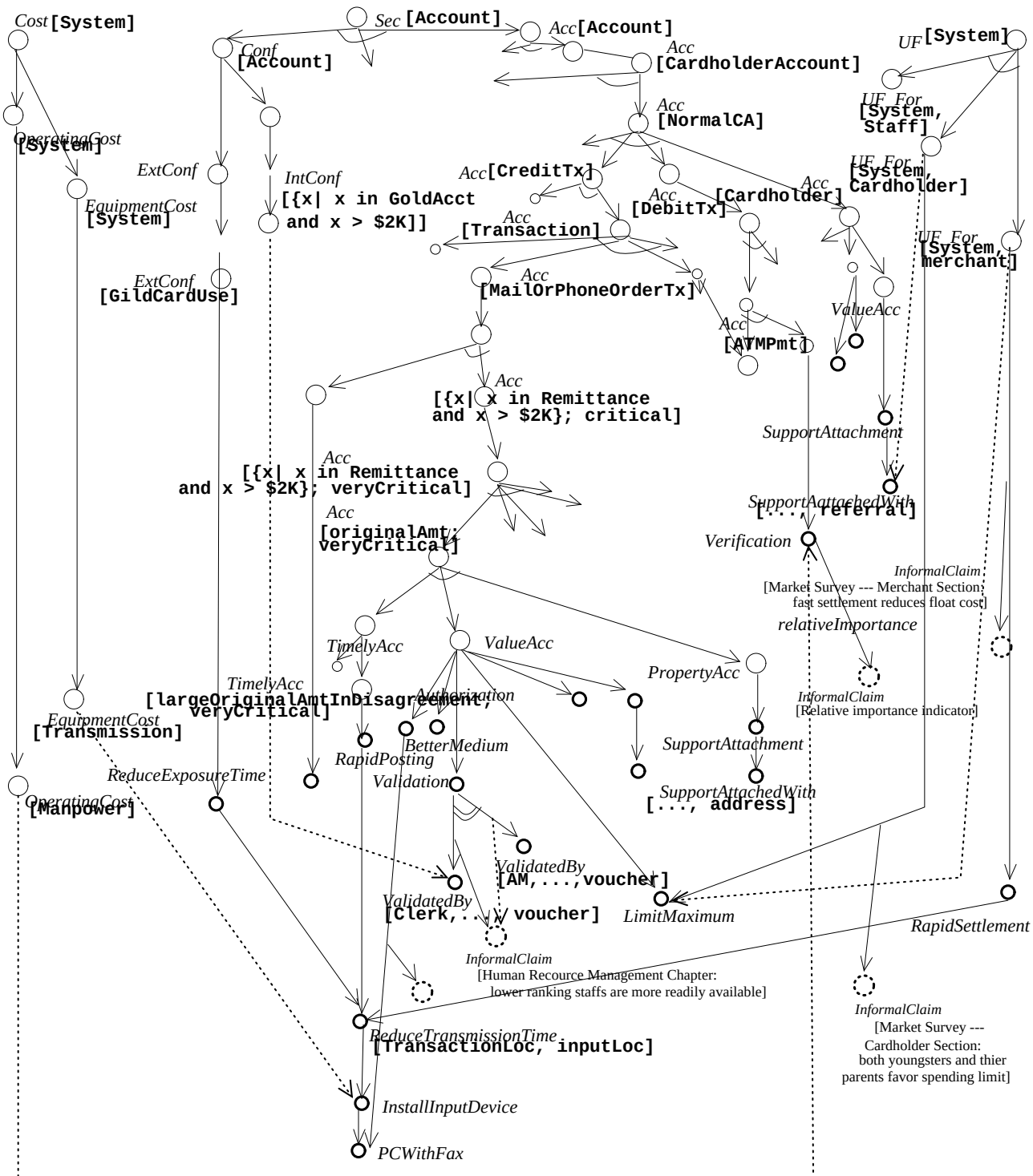


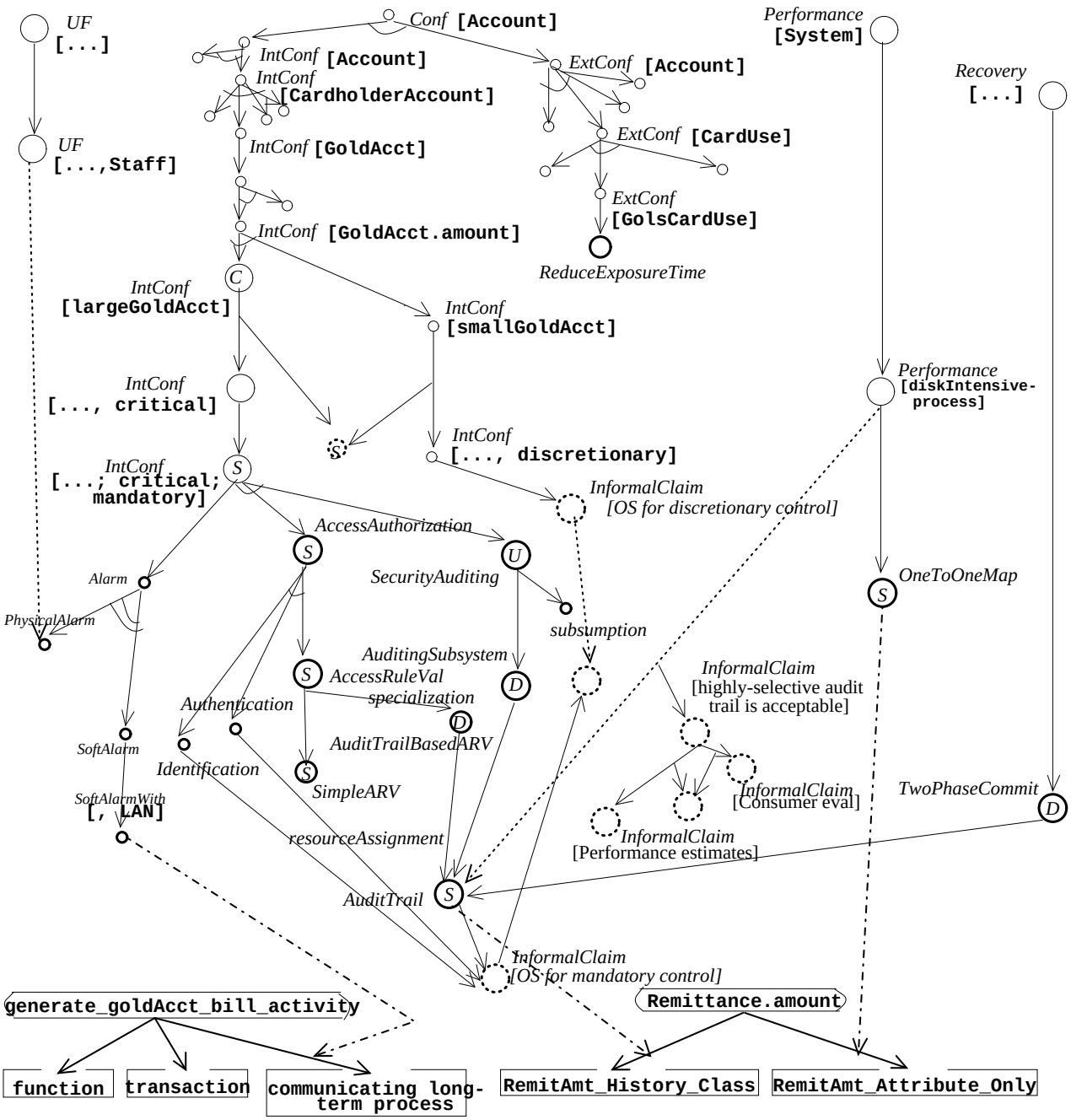

```
SensitiveDiagnosis: [{x| x in Diagnosis and x.category in {psychiatric, alcoholic, ...}]
less_sensitiveDiagnosis: [{x| x in Diagnosis and x.category in {regularCheckUp, ...}]
```

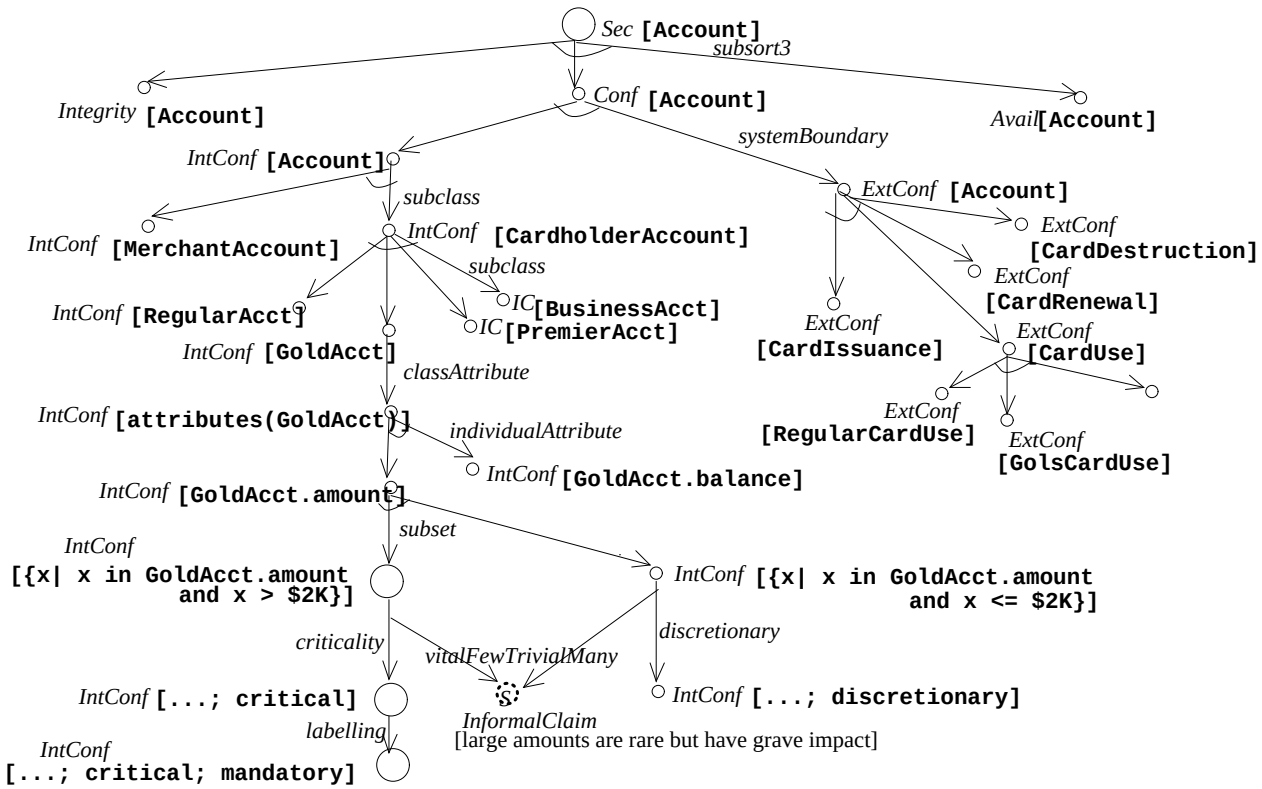


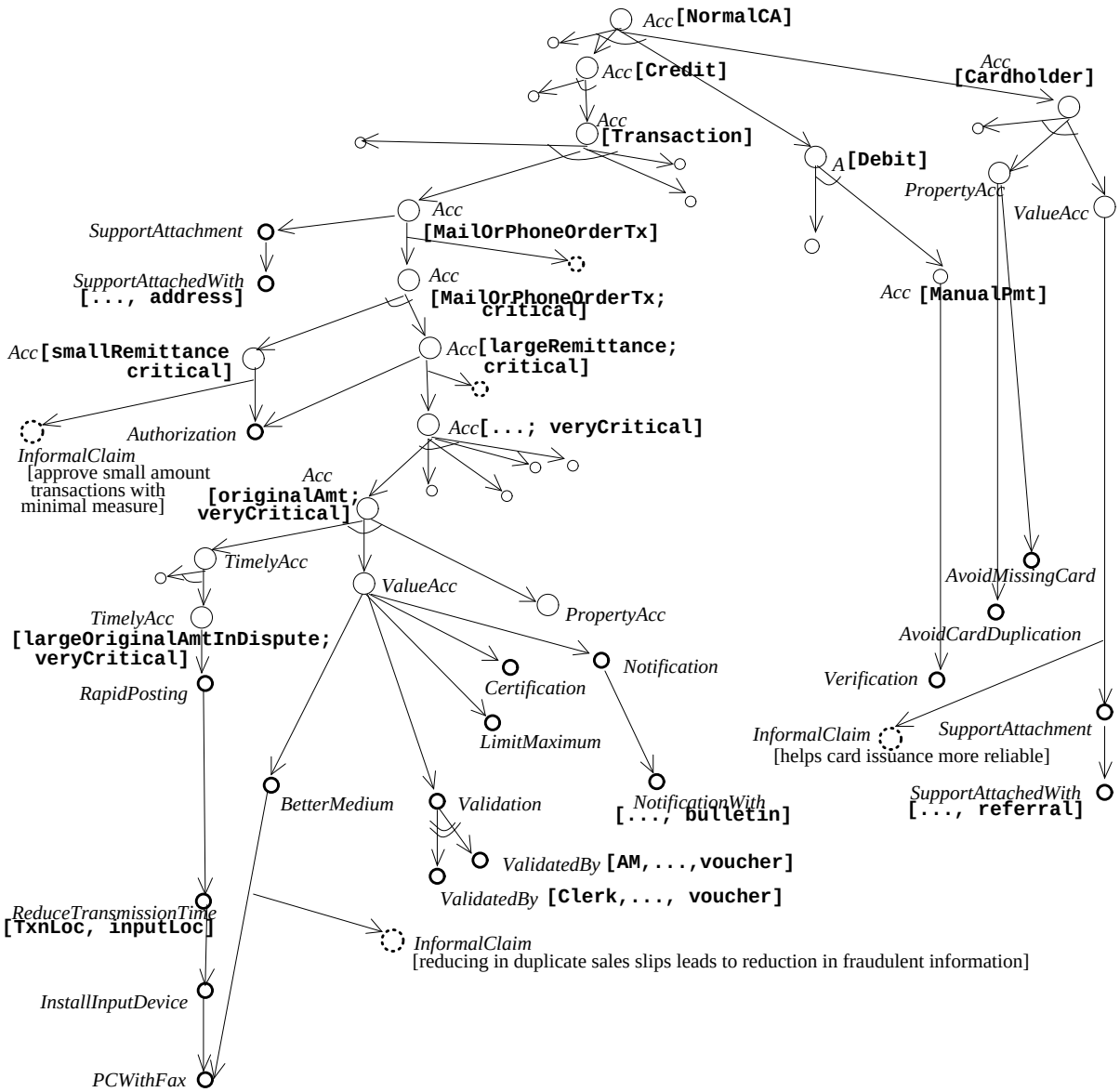
[A Study of the Health Insurance System,
Documentation Manual --- Volume II]

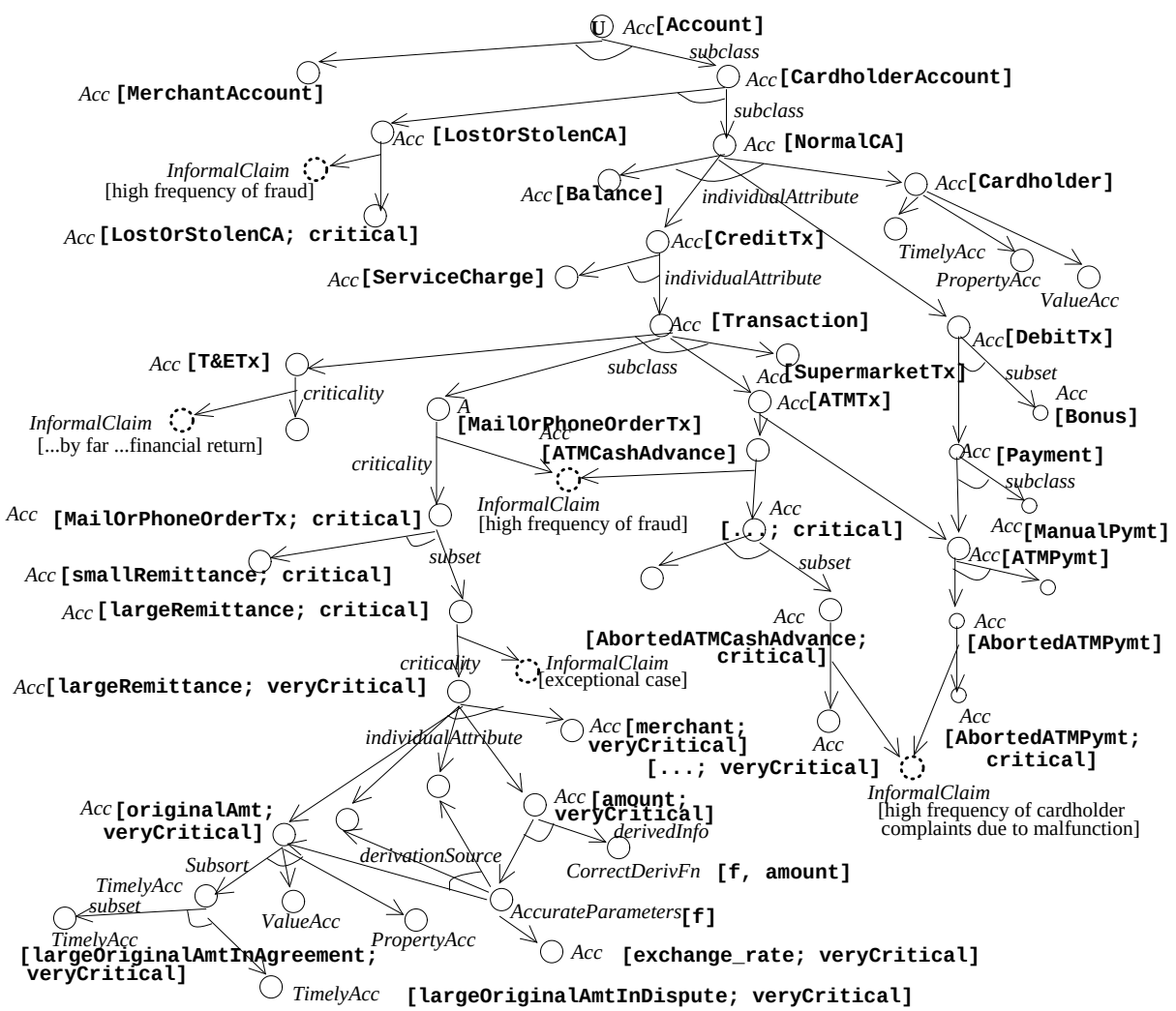

non-subscriber
payment
physician/practitioner
hospital
institutional branch
subscriber
claims
application-form
admissionRpt
hospital_discharge_form'
non-HI_discharge_form
claims inquiry
courier
serice bureau
mailroom
Claims Branch
claims clerk
claims(cards/tape)
Enrolment Branch
district office
Subscriber's
Personal
Claims
History
application-form
Practitioner's
Service
History
Offline Support Inc.
courier
claims(tape)
courier
Microrecords Unit
serice bureau
courier
Data Center
Data Entry
admissionForm
hospital
discharge
form
resubmissionForm
claimsTranscript
magnetic tape
claims
admissionReport
(microfiche)
Professional Services
Monitoring Branch
pendingClaims
Claims Input
Resubmission
RejectedClaim
practitioner_dir
eligibility
business practice
Practitioner Registry
Subscriber Admin.
claimsReference
editedClaims
subscriber
Claims Eligibility Determin.
rejectedAdmission
claimsReference
eligibleClaim
ineligibleClaim
weeklyValidDischarge
hospitalStatistics
Hospital Claims
Claims Assessment
claimsReference
claimsReference
(microfilm)
approvedClaim
RejectedClaim
claimsAdjustment
approvedClaim
admissionRpt
hospital discharge form'
Practitioner Profile Mtce.
Claims Reporting
Claims Payment & Acct'g
acctgHistory
immediateCheque
monthlyCheque
remittanceAdvice
Supply and Service Branch
claimsAdjustment
approvedClaimRpt
RejectedClaimRpt
claimStatusRpt
Claims Payment Sec.
Finance and Acct'g Branch

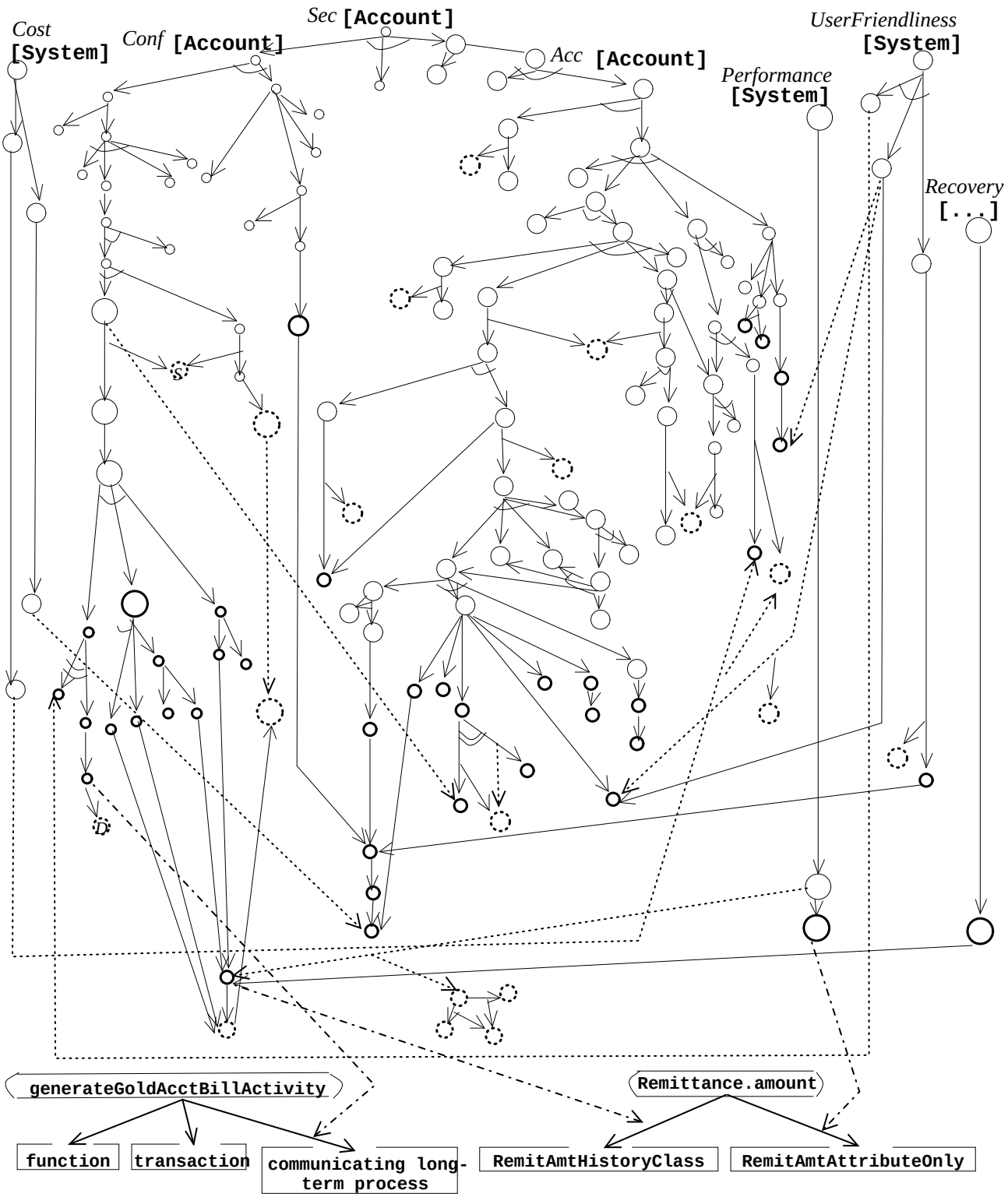

Cost [System]
Sec [Account]
Acc [Account]
Conf [Account]
Acc [CardholderAccount]
UF [System]
Acc [NormalCA]
UF_For [System, Staff]
OperatingCost [System]
ExtConf
IntConf [{x| x in GoldAcct and x > $2K]]
Acc [CreditTx]
Acc [DebitTx]
Acc [Cardholder]
UF_For [System, Cardholder]
EquipmentCost [System]
Acc [Transaction]
UF_For [System, merchant]
ExtConf [GildCardUse]
Acc [MailOrPhoneOrderTx]
ValueAcc
Acc [ATMPmt]
Acc [{x| x in Remittance and x > $2K}; critical]
SupportAttachment
Acc [{x| x in Remittance and x > $2K}; veryCritical]
SupportAttachedWith [..., referral]
Acc [originalAmt; veryCritical]
Verification
InformalClaim [Market Survey --- Merchant Section: fast settlement reduces float cost]
relativeImportance
TimelyAcc
ValueAcc
PropertyAcc
TimelyAcc [largeOriginalAmtInDisagreement; veryCritical]
Authorization
InformalClaim [Relative importance indicator]
EquipmentCost [Transmission]
BetterMedium
SupportAttachment
RapidPosting
ReduceExposureTime
Validation
SupportAttachedWith [..., address]
OperatingCost [Manpower]
ValidatedBy [AM,...,voucher]
ValidatedBy [Clerk,...,voucher]
LimitMaximum
RapidSettlement
InformalClaim [Human Recource Management Chapter: lower ranking staffs are more readily available]
InformalClaim [Market Survey --- Cardholder Section: both youngsters and thier parents favor spending limit]
ReduceTransmissionTime [TransactionLoc, inputLoc]
InstallInputDevice
PCWithFax

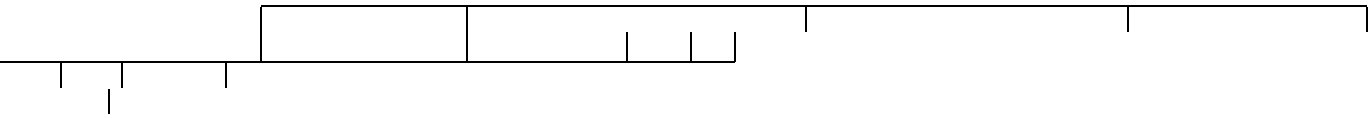

UF
[...]
Conf [Account]
Performance
[System]
IntConf [Account]
ExtConf [Account]
Recovery
[...]
IntConf
[CardholderAccount]
UF
[...,Staff]
IntConf [GoldAcct]
ExtConf [CardUse]
ExtConf
[GolsCardUse]
IntConf [GoldAcct.amount]
ReduceExposureTime
C
IntConf
[largeGoldAcct]
IntConf
[smallGoldAcct]
Performance
[diskIntensive-
process]
IntConf
[..., critical]
S
IntConf
[..., discretionary]
IntConf
[...; critical;
mandatory]
InformalClaim
[OS for discretionary control]
AccessAuthorization
S
U
Alarm
SecurityAuditing
OneToOneMap
S
PhysicalAlarm
subsumption
AuditingSubsystem
S
AccessRuleVal
specialization
D
InformalClaim
[highly-selective audit
trail is acceptable]
Authentication
D
SoftAlarm
AuditTrailBasedARV
Identification
S
SimpleARV
InformalClaim
[Consumer eval]
TwoPhaseCommit
D
SoftAlarmWith
[, LAN]
resourceAssignment
InformalClaim
[Performance estimates]
AuditTrail
S
InformalClaim
[OS for mandatory control]
generate_goldAcct_bill_activity
Remittance.amount
function
transaction
communicating long-
term process
RemitAmt_History_Class
RemitAmt_Attribute_Only

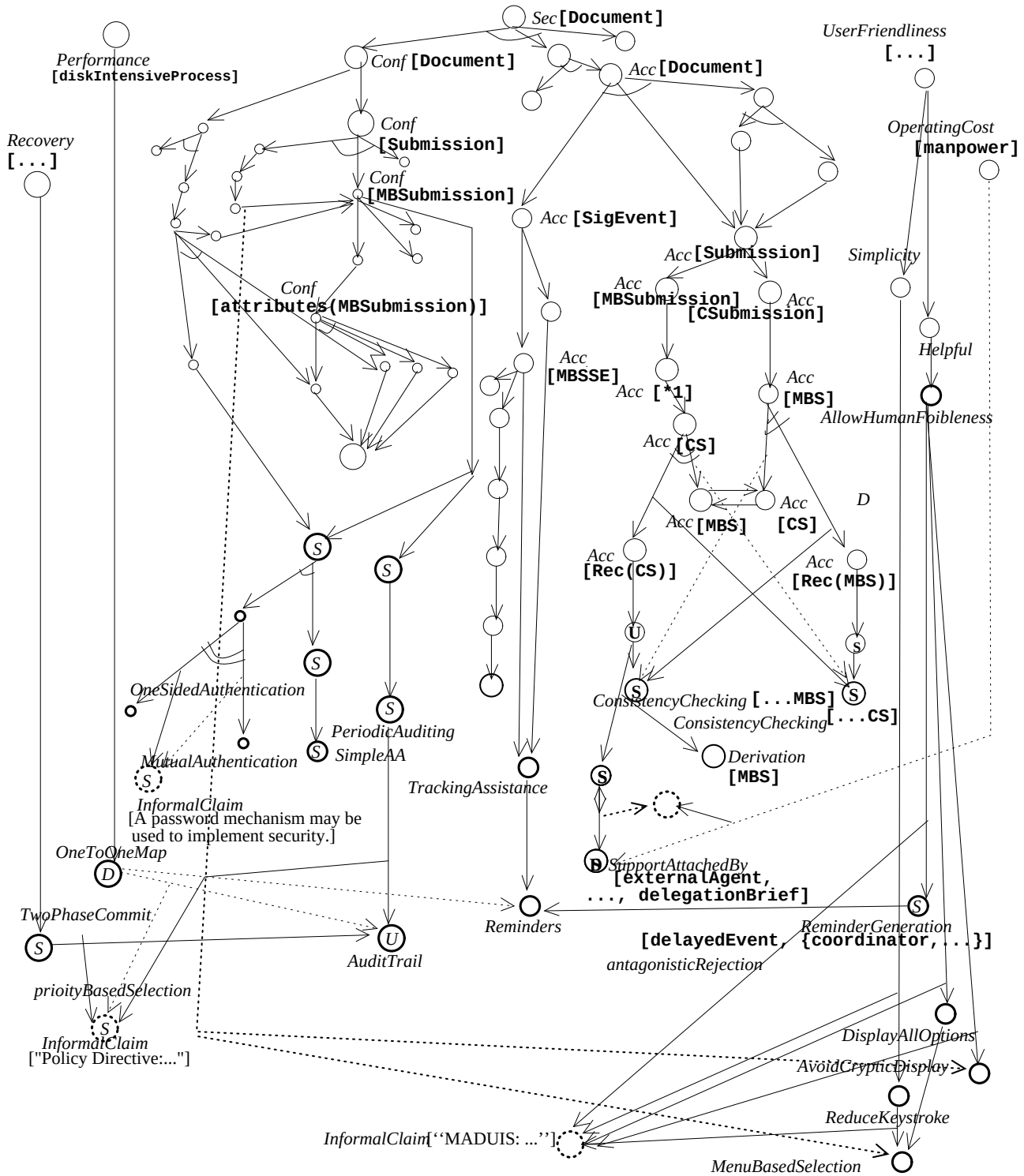

Sec [Account]
subsort3
Integrity [Account]
Conf [Account]
Avail [Account]
systemBoundary
IntConf [Account]
ExtConf [Account]
subclass
IntConf [MerchantAccount]
IntConf [CardholderAccount]
ExtConf [CardDestruction]
subclass
ExtConf [CardRenewal]
IntConf [RegularAcct]
IC [BusinessAcct]
IC [PremierAcct]
ExtConf [CardIssuance]
ExtConf [CardUse]
IntConf [GoldAcct]
classAttribute
IntConf [attributes(GoldAcct)]
individualAttribute
ExtConf [RegularCardUse]
ExtConf [GolsCardUse]
IntConf [GoldAcct.balance]
IntConf [GoldAcct.amount]
subset
IntConf [{x| x in GoldAcct.amount and x > $2K}]
IntConf [{x| x in GoldAcct.amount and x <= $2K}]
criticality
vitalFewTrivialMany
discretionary
IntConf [...; critical]
IntConf [...; discretionary]
InformalClaim
[large amounts are rare but have grave impact]
labelling
IntConf [...; critical; mandatory]

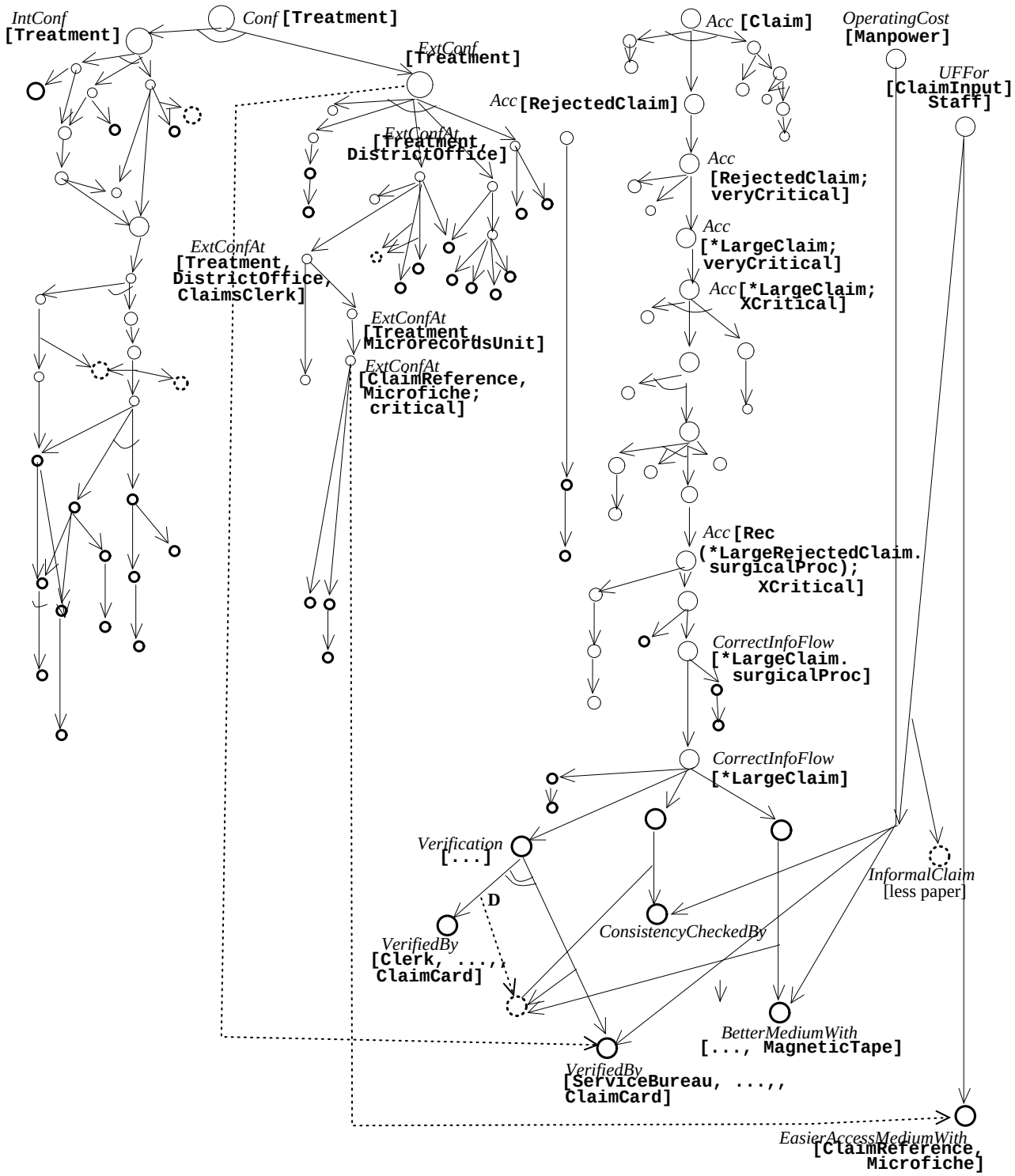

Acc [NormalCA]
Acc [Credit]
Acc [Transaction]
Acc [Cardholder]
A [Debit]
PropertyAcc
ValueAcc
SupportAttachment
Acc [MailOrPhoneOrderTx]
SupportAttachedWith [..., address]
Acc [MailOrPhoneOrderTx; critical]
Acc [ManualPmt]
Acc [smallRemittance critical]
Acc [largeRemittance; critical]
Authorization
Acc [...; veryCritical]
InformalClaim
[approve small amount transactions with minimal measure]
Acc [originalAmt; veryCritical]
TimelyAcc
ValueAcc
PropertyAcc
AvoidMissingCard
AvoidCardDuplication
TimelyAcc [largeOriginalAmtInDispute; veryCritical]
Notification
Verification
RapidPosting
Certification
LimitMaximum
InformalClaim
[helps card issuance more reliable]
SupportAttachment
BetterMedium
Validation
NotificationWith [..., bulletin]
SupportAttachedWith [..., referral]
ValidatedBy [AM,...,voucher]
ValidatedBy [Clerk,..., voucher]
ReduceTransmissionTime [TxnLoc, inputLoc]
InformalClaim
[reducing in duplicate sales slips leads to reduction in fraudulent information]
InstallInputDevice
PCWithFax

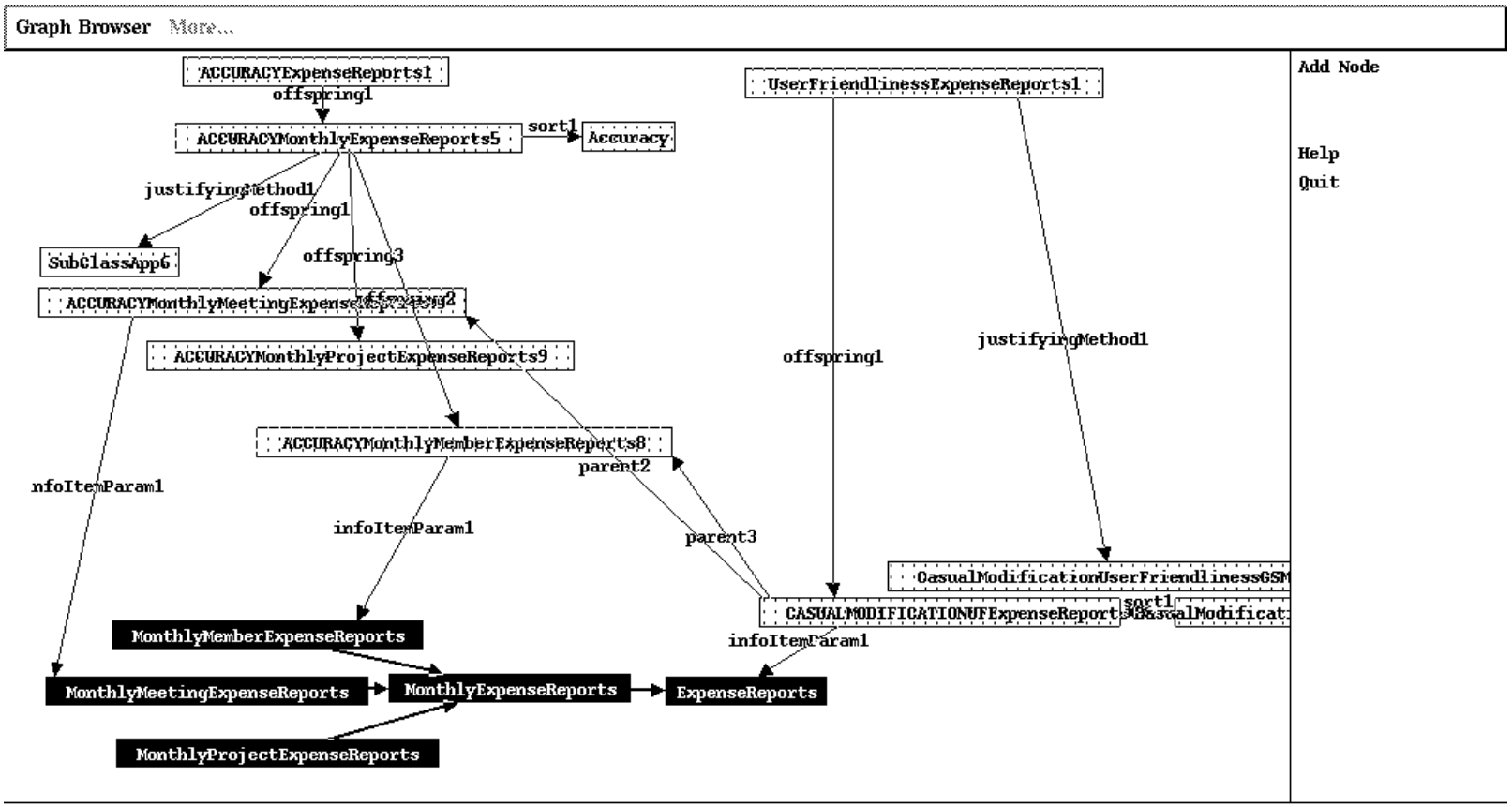

U
Acc [Account]
subclass
Acc [MerchantAccount]
Acc [CardholderAccount]
subclass
Acc [LostOrStolenCA]
Acc [NormalCA]
InformalClaim
[high frequency of fraud]
Acc [Balance]
individualAttribute
Acc [Cardholder]
Acc [LostOrStolenCA; critical]
Acc [CreditTx]
TimelyAcc
Acc [ServiceCharge]
individualAttribute
PropertyAcc
ValueAcc
Acc [Transaction]
Acc [DebitTx]
Acc [T&ETx]
subclass
Acc [SupermarketTx]
subset
criticality
Acc [ATMTx]
Acc [Bonus]
InformalClaim
[...by far ...financial return]
A [MailOrPhoneOrderTx]
Acc [ATMCashAdvance]
Acc [Payment]
criticality
subclass
Acc [MailOrPhoneOrderTx; critical]
InformalClaim
[high frequency of fraud]
Acc [...; critical]
Acc [ManualPymt]
Acc [ATMPymt]
subset
subset
Acc [smallRemittance; critical]
Acc [largeRemittance; critical]
Acc [AbortedATMCashAdvance; critical]
Acc [AbortedATMPymt]
criticality
InformalClaim
[exceptional case]
Acc [largeRemittance; veryCritical]
Acc [merchant; veryCritical]
Acc [AbortedATMPymt; critical]
individualAttribute
Acc [...; veryCritical]
InformalClaim
[high frequency of cardholder complaints due to malfunction]
Acc [originalAmt; veryCritical]
Acc [amount; veryCritical]
derivedInfo
derivationSource
CorrectDerivFn [f, amount]
Subsort
TimelyAcc
subset
AccurateParameters [f]
ValueAcc
PropertyAcc
TimelyAcc
[largeOriginalAmtInAgreement; veryCritical]
Acc [exchange_rate; veryCritical]
TimelyAcc [largeOriginalAmtInDispute; veryCritical]

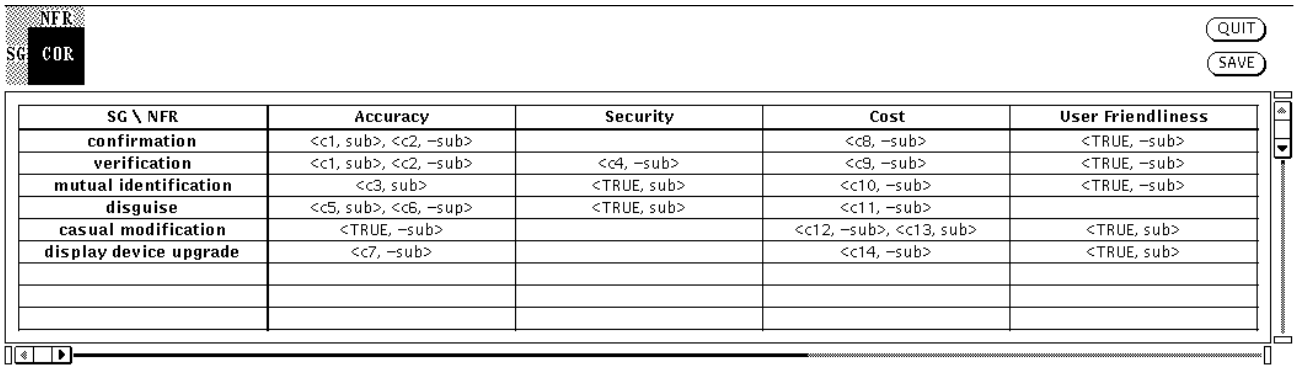

Cost
[System]
Conf [Account]
Sec [Account]
Acc [Account]
Performance
[System]
UserFriendliness
[System]
Recovery
[...]
s
D
generateGoldAcctBillActivity
function
transaction
communicating long-term process
Remittance.amount
RemitAmtHistoryClass
RemitAmtAttributeOnly




Sec [Document]
Performance [diskIntensiveProcess]
Conf [Document]
Acc [Document]
UserFriendliness [...]
Recovery [...]
Conf [Submission]
OperatingCost [manpower]
Conf [MBSubmission]
Acc [SigEvent]
Acc [Submission]
Simplicity
Conf [attributes(MBSubmission)]
Acc [MBSubmission]
Acc [CSubmission]
Helpful
Acc [MBSSE]
Acc [*1]
Acc [MBS]
AllowHumanFoibleness
Acc [CS]
D
Acc [MBS]
Acc [CS]
Acc [Rec(CS)]
Acc [Rec(MBS)]
OneSidedAuthentication
ConsistencyChecking [...MBS]
ConsistencyChecking [...CS]
PeriodicAuditing
SimpleAA
MutualAuthentication
Derivation [MBS]
TrackingAssistance
InformalClaim
[A password mechanism may be used to implement security.]
OneToOneMap
SupportAttachedBy [externalAgent, ..., delegationBrief]
TwoPhaseCommit
Reminders
ReminderGeneration
[delayedEvent, {coordinator,...}]
AuditTrail
antagonisticRejection
prioityBasedSelection
InformalClaim ["Policy Directive:..."]
DisplayAllOptions
AvoidCrypticDisplay
ReduceKeystroke
InformalClaim [''MADUIS: ...'']
MenuBasedSelection


IntConf
[Treatment]
Conf [Treatment]
ExtConf
[Treatment]
ExtConfAt
[Treatment,
DistrictOffice]
ExtConfAt
[Treatment,
DistrictOffice,
ClaimsClerk]
ExtConfAt
[Treatment
MicrorecordsUnit]
ExtConfAt
[ClaimReference,
Microfiche;
critical]
Acc [Claim]
Acc [RejectedClaim]
Acc
[RejectedClaim;
veryCritical]
Acc
[*LargeClaim;
veryCritical]
Acc [*LargeClaim;
XCritical]
Acc [Rec
(*LargeRejectedClaim.
surgicalProc);
XCritical]
CorrectInfoFlow
[*LargeClaim.
surgicalProc]
CorrectInfoFlow
[*LargeClaim]
OperatingCost
[Manpower]
UFFor
[ClaimInput]
Staff]
Verification
[...]
D
VerifiedBy
[Clerk, ...,
ClaimCard]
ConsistencyCheckedBy
InformalClaim
[less paper]
BetterMediumWith
[..., MagneticTape]
VerifiedBy
[ServiceBureau, ...,,
ClaimCard]
EasierAccessMediumWith
[ClaimReference,
Microfiche]


Graph Browser
More...
ACCURACYExpenseReports1
offspring1
ACCURACYMonthlyExpenseReports5
sort1
Accuracy
justifyingMethod1
offspring1
offspring3
SubClassApp6
ACCURACYMonthlyMeetingExpenseReports2
ACCURACYMonthlyProjectExpenseReports9
ACCURACYMonthlyMemberExpenseReports8
parent2
nfoItemParam1
infoItemParam1
parent3
MonthlyMemberExpenseReports
MonthlyMeetingExpenseReports
MonthlyExpenseReports
ExpenseReports
MonthlyProjectExpenseReports
UserFriendlinessExpenseReports1
offspring1
justifyingMethod1
CasualModificationUserFriendlinessGSM
CASUALMODIFICATIONUFExpenseReports
sort1
infoItemParam1
Add Node
Help
Quit



SG \ NFR	Accuracy	Security	Cost	User Friendliness
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verification	<c1, sub>, <c2, –sub>	<c4, –sub>	<c9, –sub>	<TRUE, –sub>
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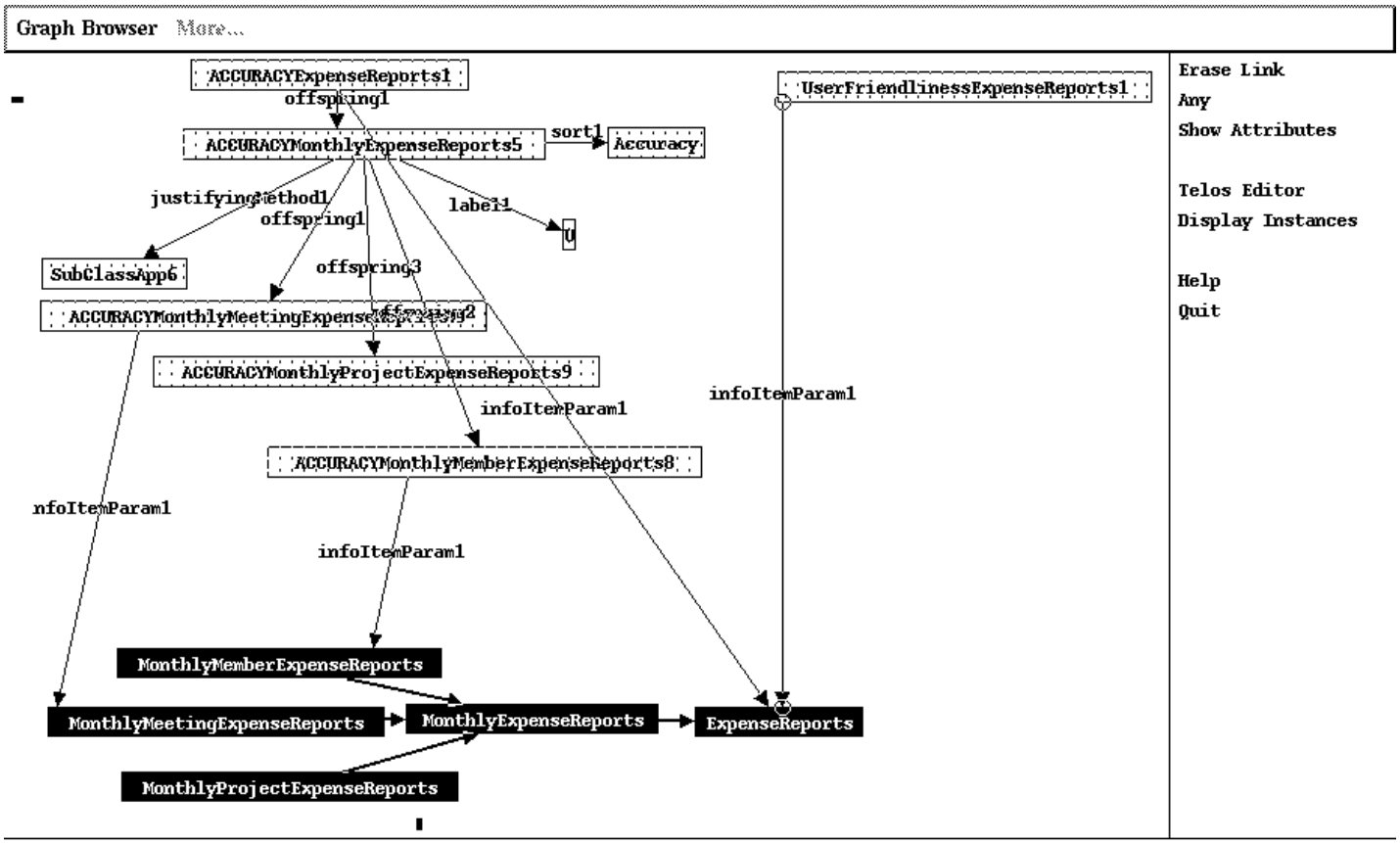
disguise	<c5, sub>, <c6, –sup>	<TRUE, sub>	<c11, –sub>	
casual modification	<TRUE, –sub>		<c12, –sub>, <c13, sub>	<TRUE, sub>
display device upgrade	<c7, –sub>		<c14, –sub>	<TRUE, sub>


Graph Browser
More...
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offspring1
ACCURACYMonthlyExpenseReports5
sort1
Accuracy
UserFriendlinessExpenseReports1
justifyingMethod1
offspring1
label1
0
SubClassApp6
offspring3
ACCURACYMonthlyProjectExpenseReports9
infoItemParam1
infoItemParam1
ACCURACYMonthlyMemberExpenseReports8
nfoItemParam1
infoItemParam1
MonthlyMemberExpenseReports
MonthlyMeetingExpenseReports
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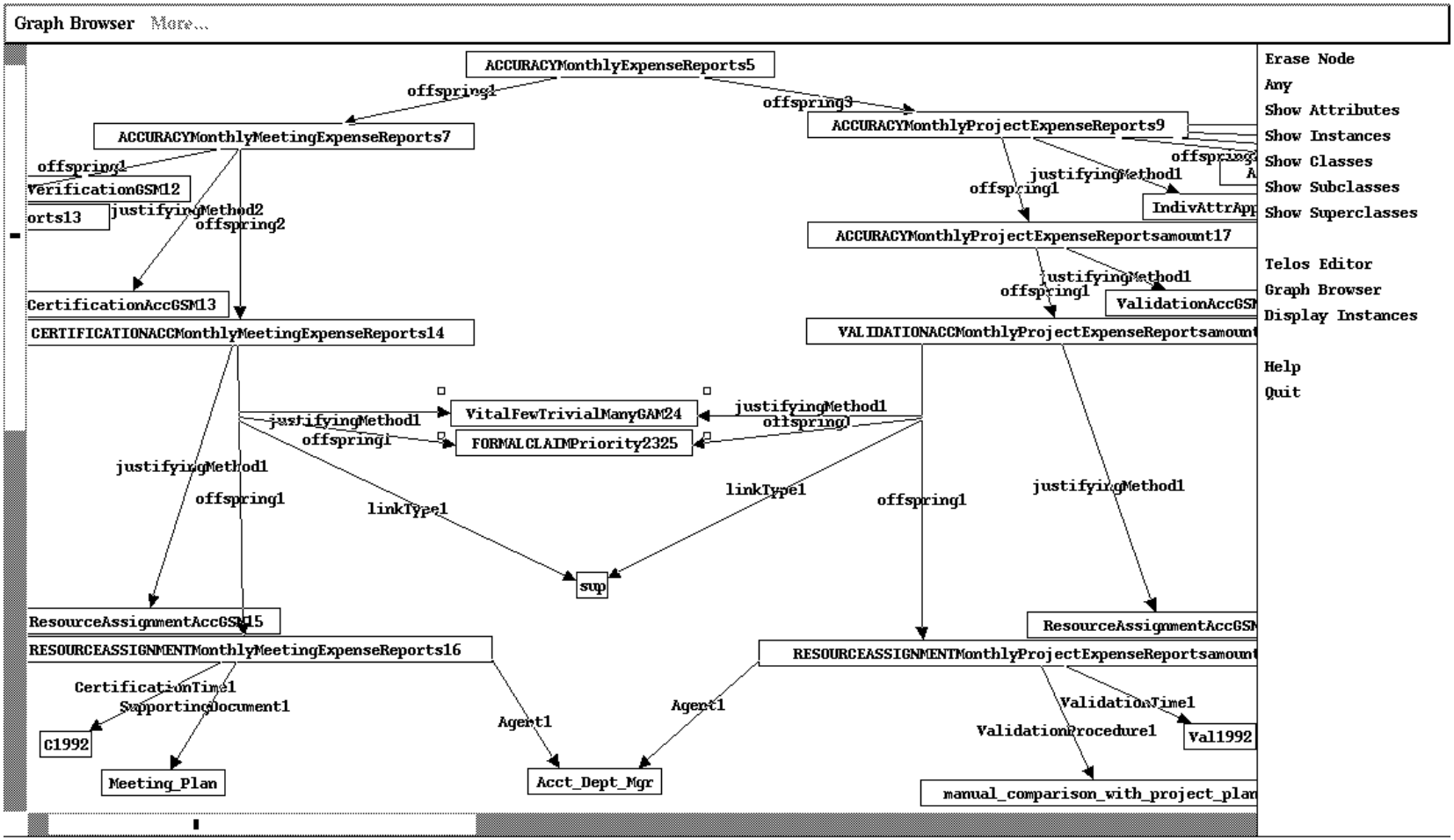
MonthlyProjectExpenseReports
Erase Link
Any
Show Attributes
Telos Editor
Display Instances
Help
Quit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offspring3
ACCURACYMonthlyMeetingExpenseReports7
ACCURACYMonthlyProjectExpenseReports9
offspring1
VerificationGSM12
orts13
justifyingMethod2
offspring2
justifyingMethod1
offspring1
IndivAttrApp
ACCURACYMonthlyProjectExpenseReportsamount17
CertificationAccGSM13
justifyingMethod1
offspring1
ValidationAccGSM
CERTIFICATIONACCMonthlyMeetingExpenseReports14
VALIDATIONACCMonthlyProjectExpenseReportsamount
VitalFewTrivialManyGAM24
justifyingMethod1
justifyingMethod1
offspring1
offspring1
FORMALCLAIMPriority2325
justifyingMethod1
offspring1
linkType1
linkType1
offspring1
justifyingMethod1
sup
ResourceAssignmentAccGSM15
ResourceAssignmentAccGSM
RESOURCEASSIGNMENTMonthlyMeetingExpenseReports16
RESOURCEASSIGNMENTMonthlyProjectExpenseReportsamount
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SupportingDocument1
Agent1
Agent1
ValidationTime1
ValidationProcedure1
C1992
Val1992
Meeting_Plan
Acct_Dept_Mgr
manual_comparison_with_project_plan
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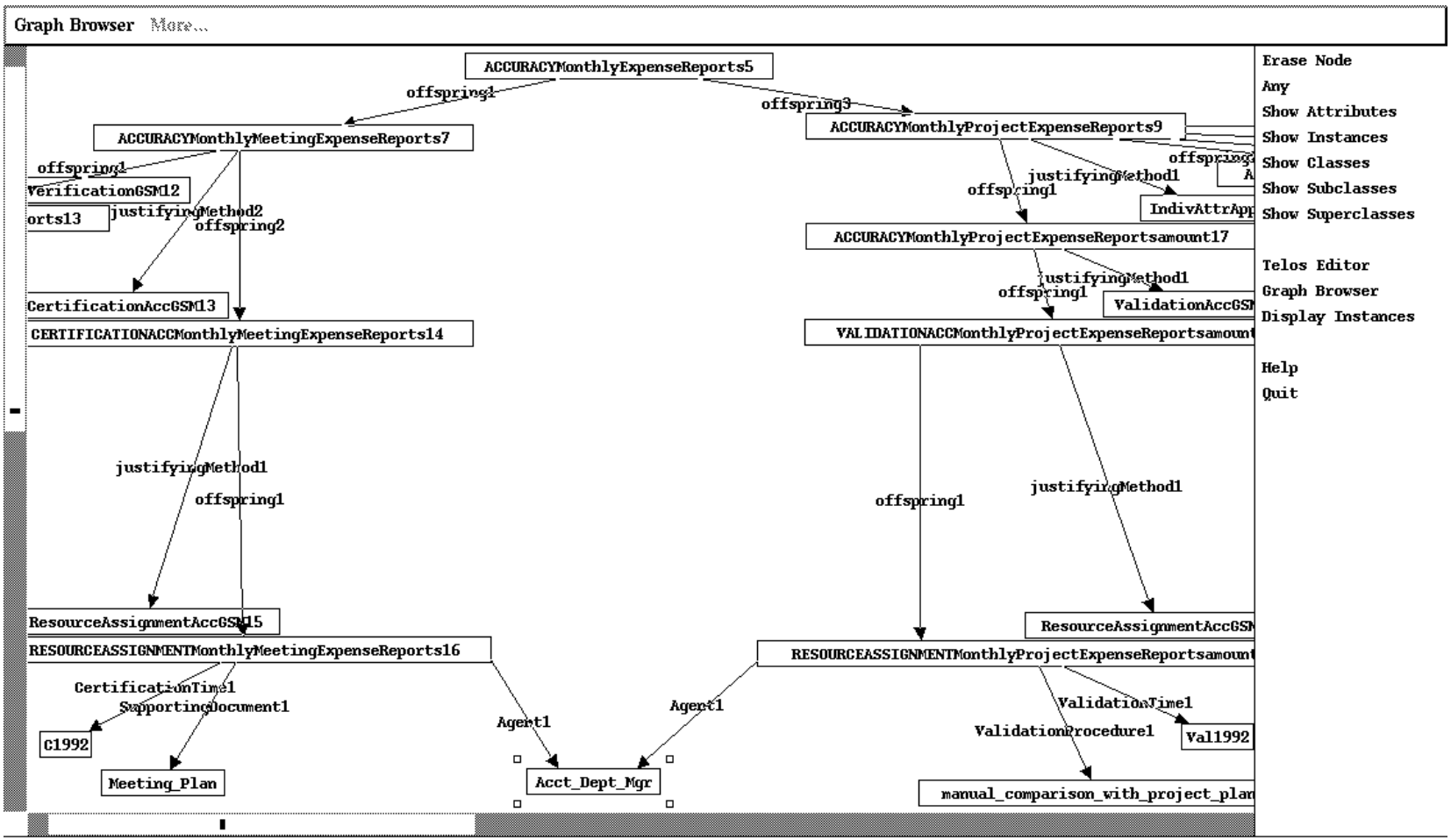
Show Attributes
Show Instances
Show Classes
Show Subclasses
Show Superclasses
Telos Editor
Graph Browser
Display Instances
Help
Quit


Graph Browser
More...
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offspring1
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orts13
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offspring2
justifyingMethod1
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IndivAttrApp
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justifyingMethod1
offspring1
ValidationAccGSM
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VALIDATIONACCMonthlyProjectExpenseReportsamount
justifyingMethod1
offspring1
offspring1
justifyingMethod1
ResourceAssignmentAccGSM15
ResourceAssignmentAccGSM
RESOURCEASSIGNMENTMonthlyMeetingExpenseReports16
RESOURCEASSIGNMENTMonthlyProjectExpenseReportsamount
CertificationTime1
SupportingDocument1
Agent1
Agent1
ValidationTime1
ValidationProcedure1
C1992
Meeting_Plan
Acct_Dept_Mgr
Val1992
manual_comparison_with_project_plan
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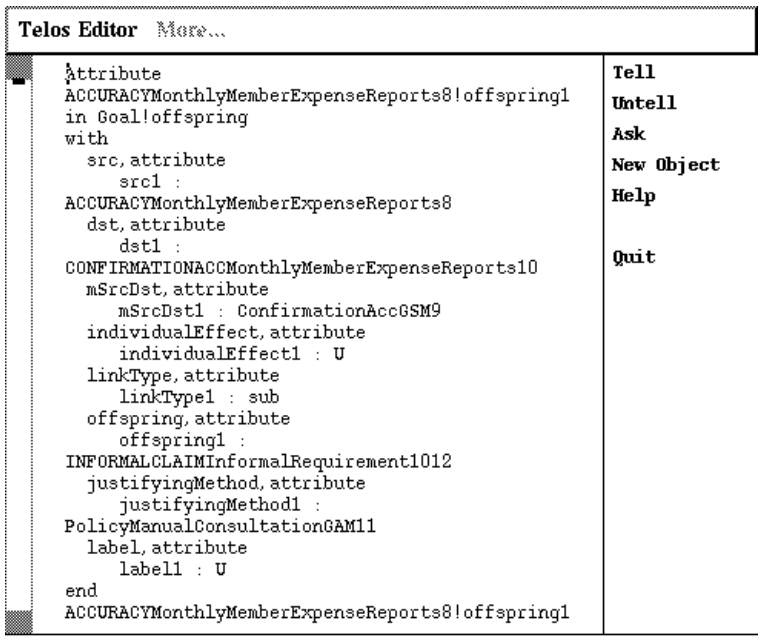
Show Classes
Show Subclasses
Show Superclasses
Telos Editor
Graph Browser
Display Instances
Help
Quit


Telos Editor
More...
Attribute
ACCURACYMonthlyMemberExpenseReports8!offspring1
in Goal!offspring
with
src, attribute
src1 :
ACCURACYMonthlyMemberExpenseReports8
dst, attribute
dst1 :
CONFIRMATIONACCMonthlyMemberExpenseReports10
mSrcDst, attribute
mSrcDst1 : ConfirmationAccGSM9
individualEffect, attribute
individualEffect1 : U
linkType, attribute
linkType1 : sub
offspring, attribute
offspring1 :
INFORMALCLAIMInformalRequirement1012
justifyingMethod, attribute
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PolicyManualConsultationGAM11
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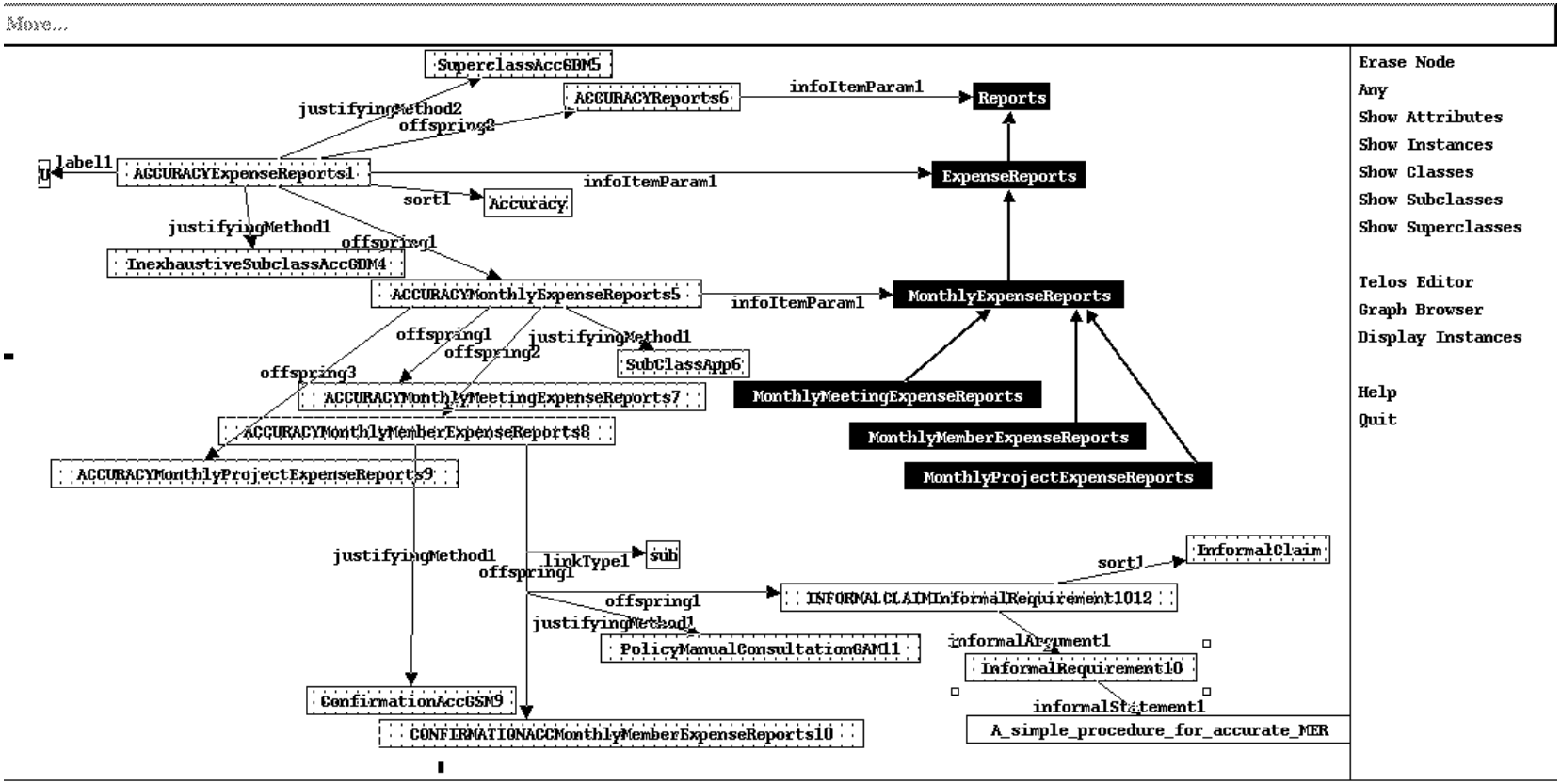
end
ACCURACYMonthlyMemberExpenseReports8!offspring1
Tell
Untell
Ask
New Object
Help
Quit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ACCURACYReports6
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Reports
justifyingMethod2
offspring2
label1
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ACCURACYExpenseReports1
infoItemParam1
ExpenseReports
sort1
Accuracy
justifyingMethod1
offspring1
InexhaustiveSubclassAccGDM4
ACCURACYMonthlyExpenseReports5
infoItemParam1
MonthlyExpenseReports
offspring1
offspring2
justifyingMethod1
SubClassApp6
offspring3
ACCURACYMonthlyMeetingExpenseReports7
MonthlyMeetingExpenseReports
MonthlyMemberExpenseReports
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MonthlyProjectExpenseReports
ACCURACYMonthlyProjectExpenseReports9
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linkType1
sub
offspring1
sort1
InformalClaim
INFORMALCLAIMInformalRequirement1012
offspring1
justifyingMethod1
PolicyManualConsultationGAM11
informalArgument1
InformalRequirement10
informalStatement1
A_simple_procedure_for_accurate_MER
ConfirmationAccGSM9
CONFIRMATIONACCMonthlyMemberExpenseReports10
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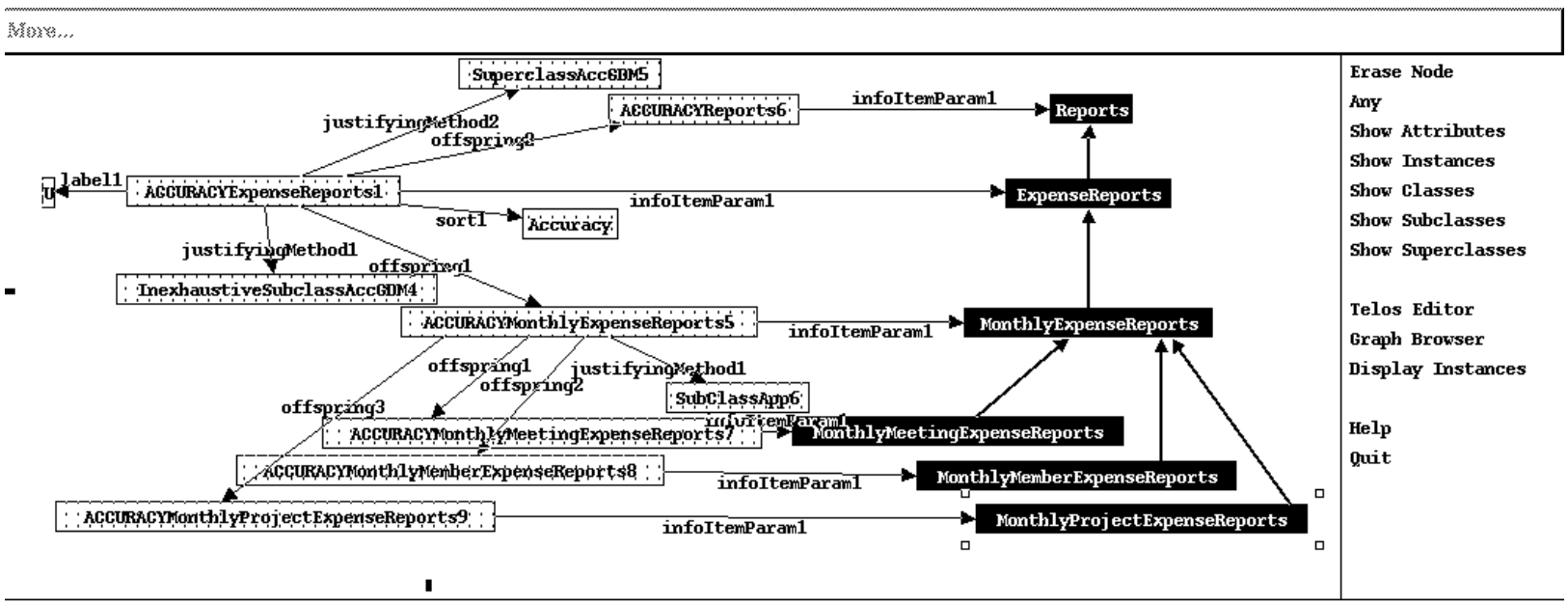
Any
Show Attributes
Show Instances
Show Classes
Show Subclasses
Show Superclasses
Telos Editor
Graph Browser
Display Instances
Help
Quit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Reports
justifyingMethod2
offspring2
label1
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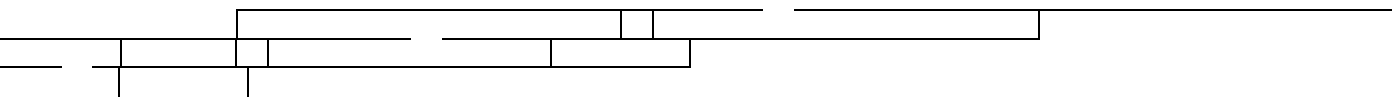
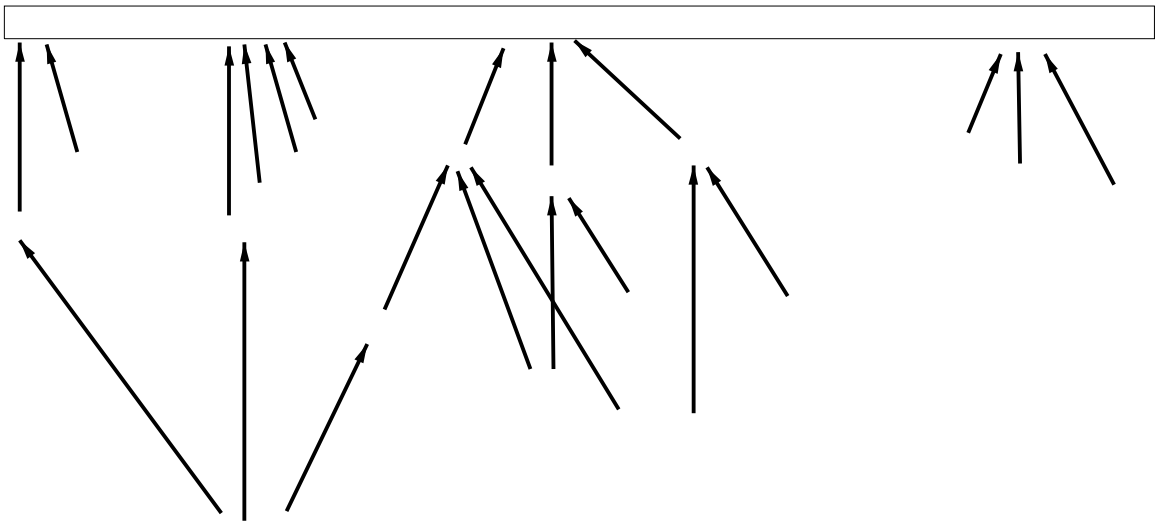
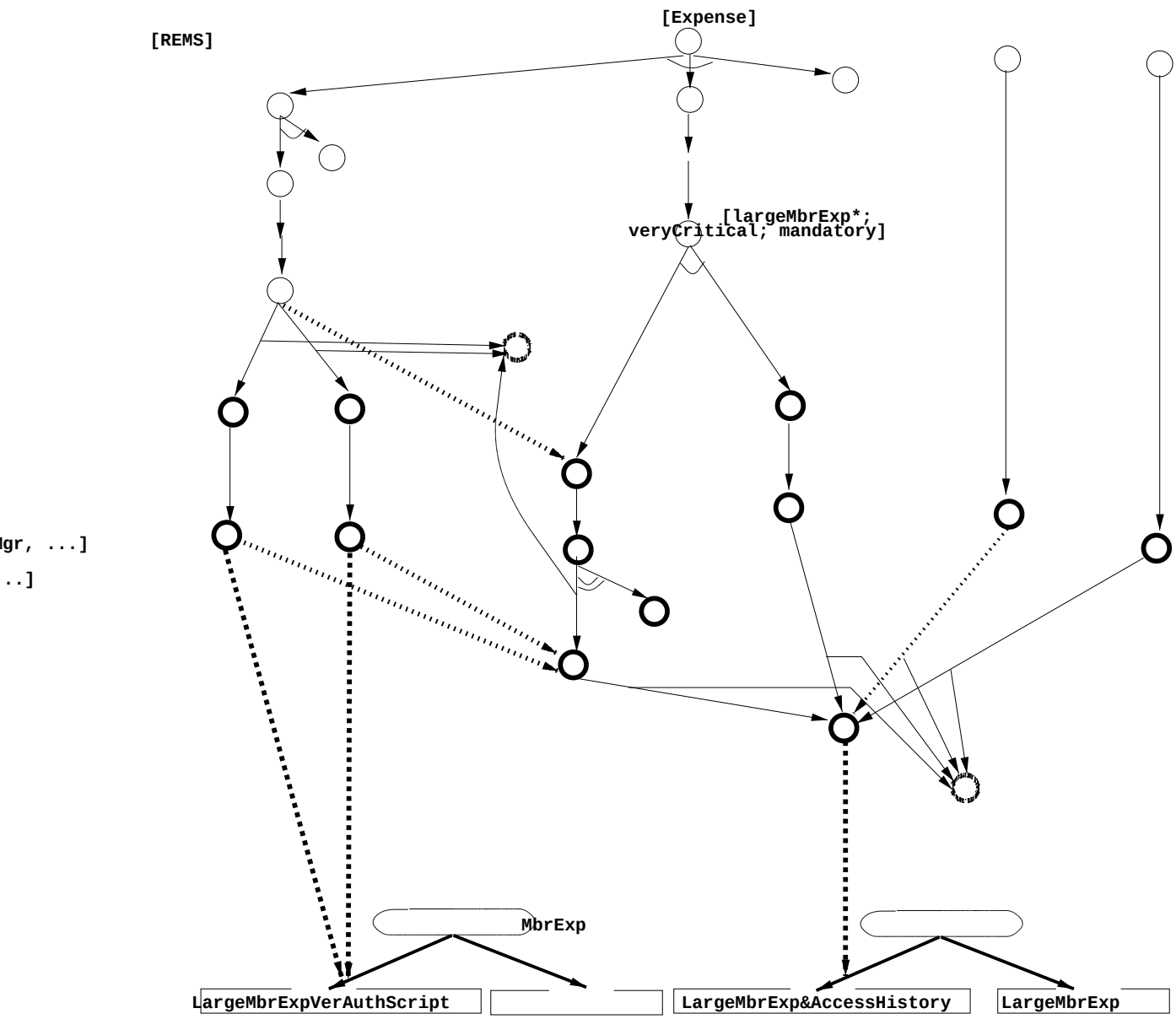
ExpenseReports
sort1
Accuracy
justifyingMethod1
offspring1
InexhaustiveSubclassAcc6DM4
ACCURACYMonthlyExpenseReports5
infoItemParam1
MonthlyExpenseReports
offspring1
offspring2
justifyingMethod1
offspring3
SubClassApp6
ACCURACYMonthlyMeetingExpenseReports7
MonthlyMeetingExpenseReports
ACCURACYMonthlyMemberExpenseReports8
infoItemParam1
MonthlyMemberExpenseReports
ACCURACYMonthlyProjectExpenseReports9
infoItemParam1
MonthlyProjectExpenseReports
Erase Node
Any
Show Attributes
Show Instances
Show Classes
Show Subclasses
Show Superclasses
Telos Editor
Graph Browser
Display Instances
Help
Quit



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[Expense]
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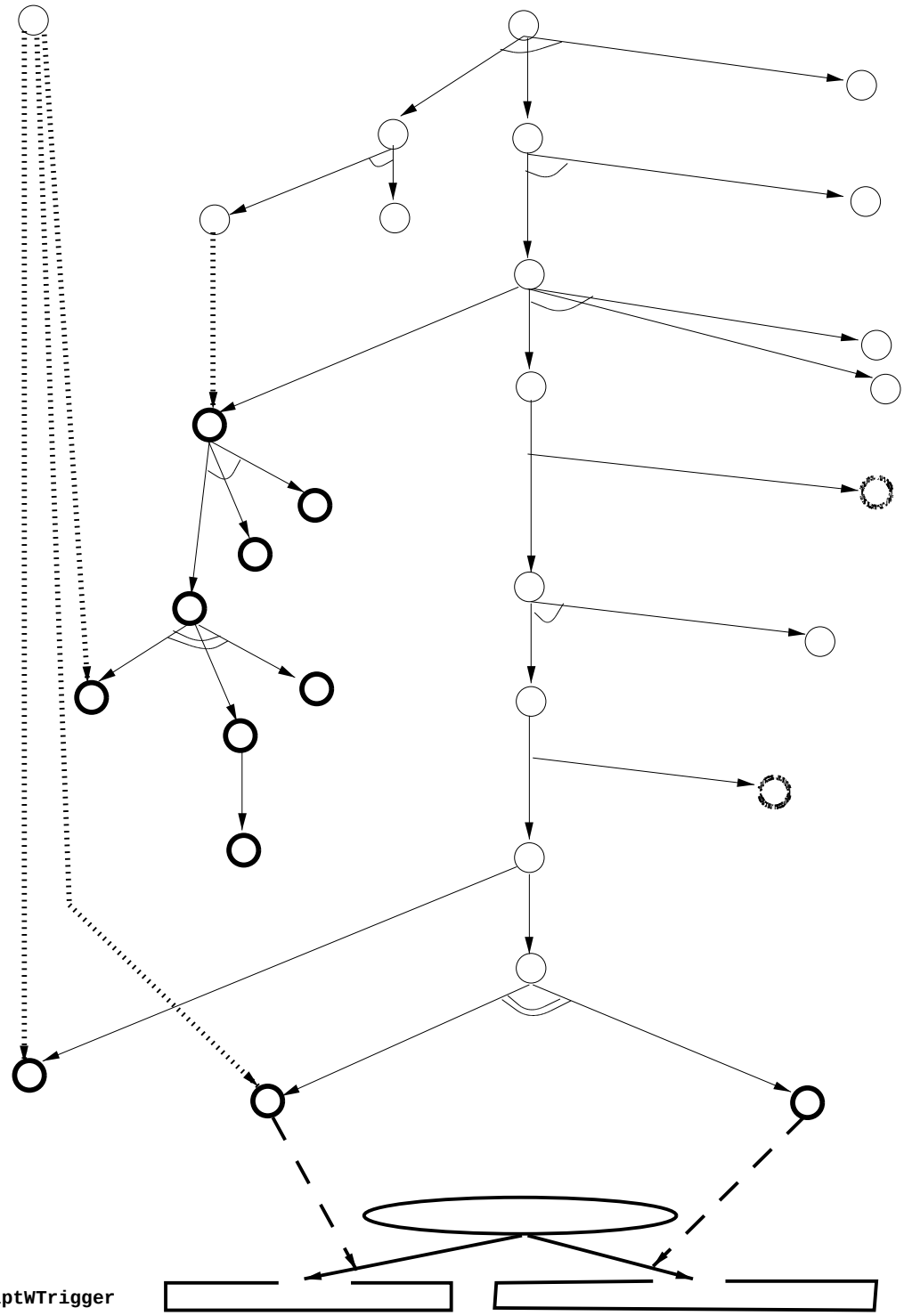
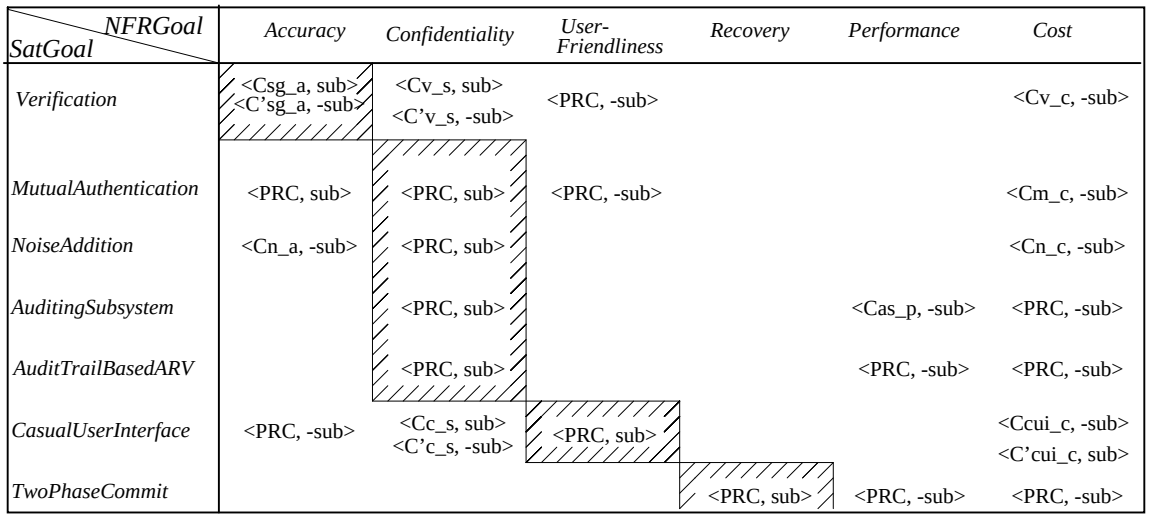
veryCritical; mandatory]
gr, ...]
..]
MbrExp
LargeMbrExpVerAuthScript
LargeMbrExp&AccessHistory
LargeMbrExp



largeMbrExp* = [x x MbrExp and x.amt $5,000]

smallMbrExp* = [x x MbrExp and x.amt $5,000]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SatGoal
Accuracy
Confidentiality
User-Friendliness
Recovery
Performance
Cost
Verification
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<C'sg_a, -sub>
<Cv_s, sub>
<C'v_s, -sub>
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<Cv_c, -sub>
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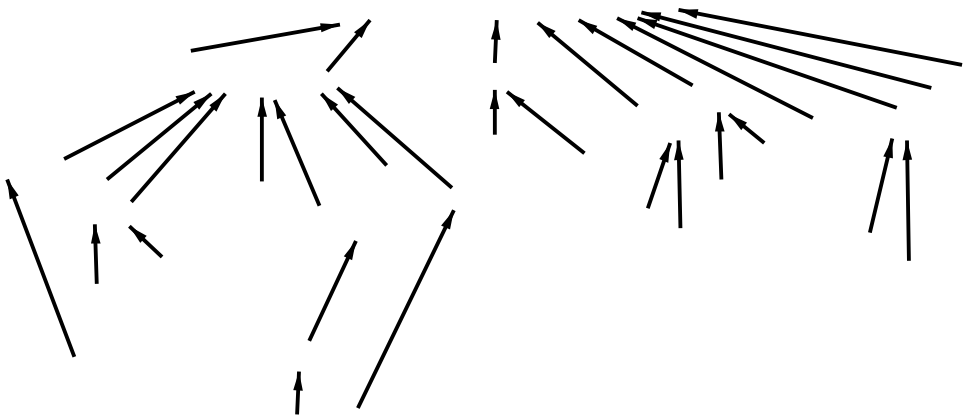

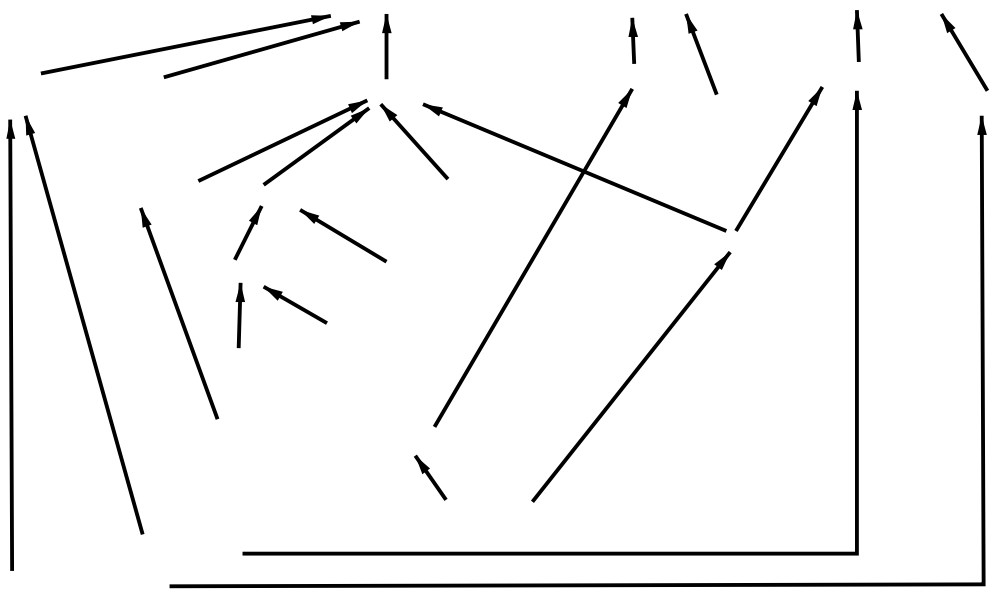

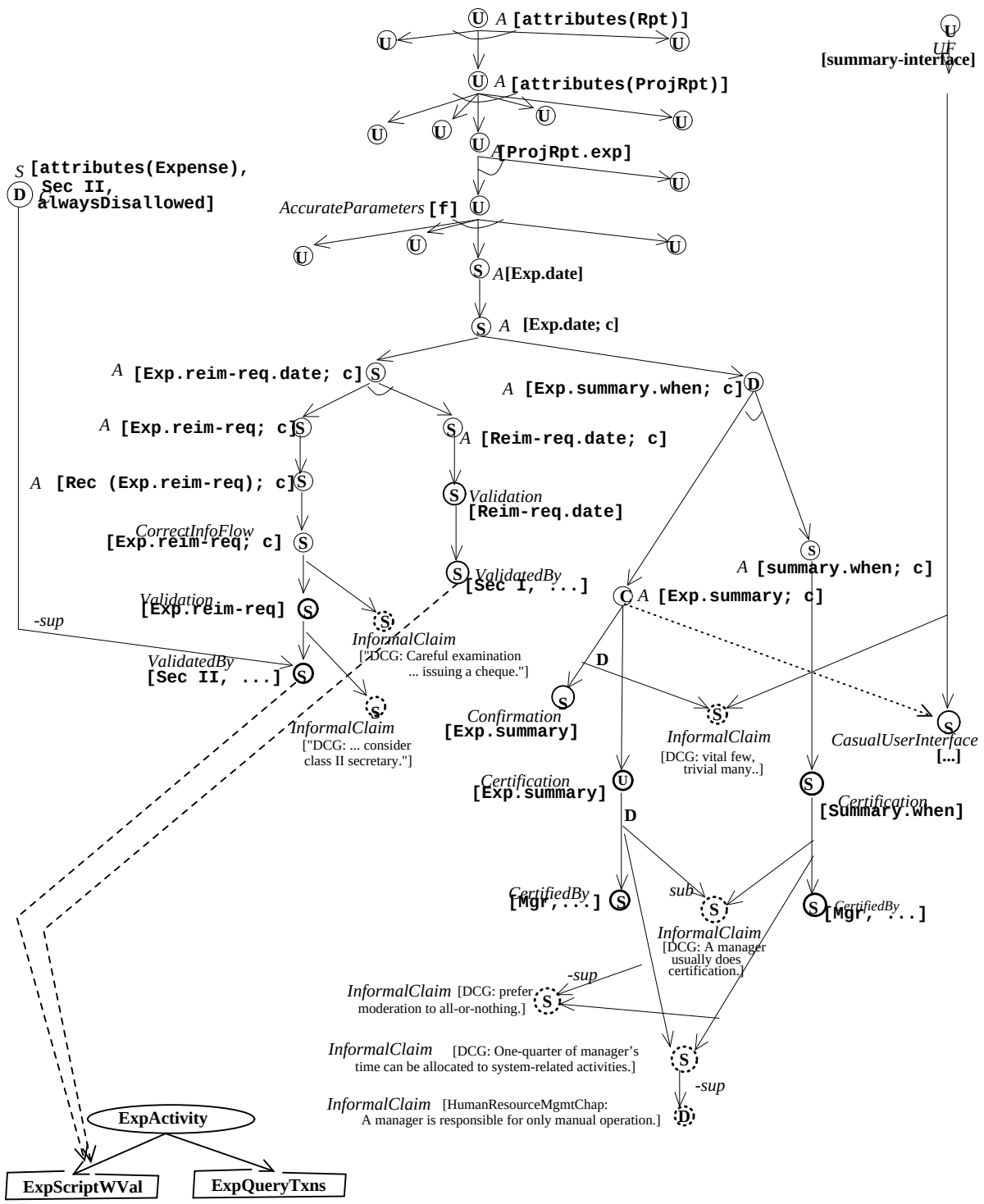

where

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f = ComputeAmount (Exp, Exp.date, Exp.proj, ProjRpt.mon, ProjRpt.proj)
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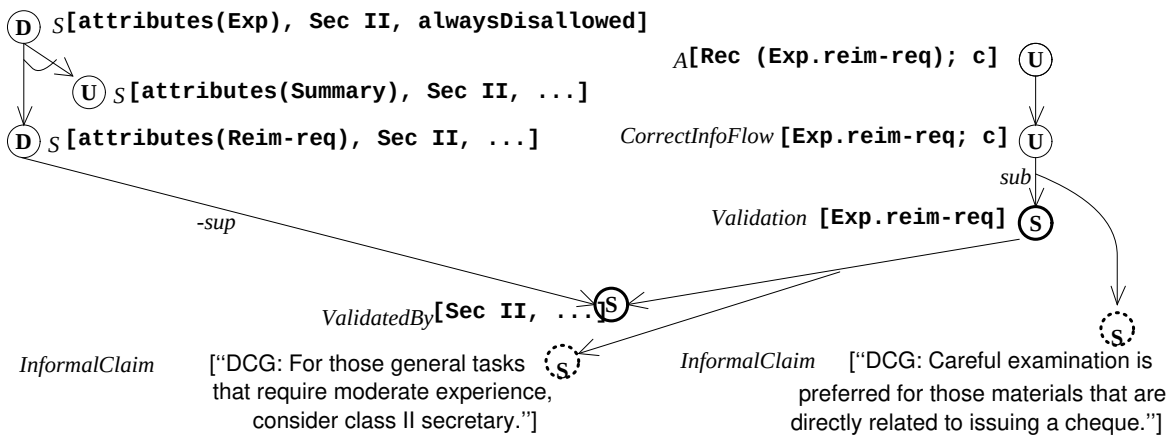
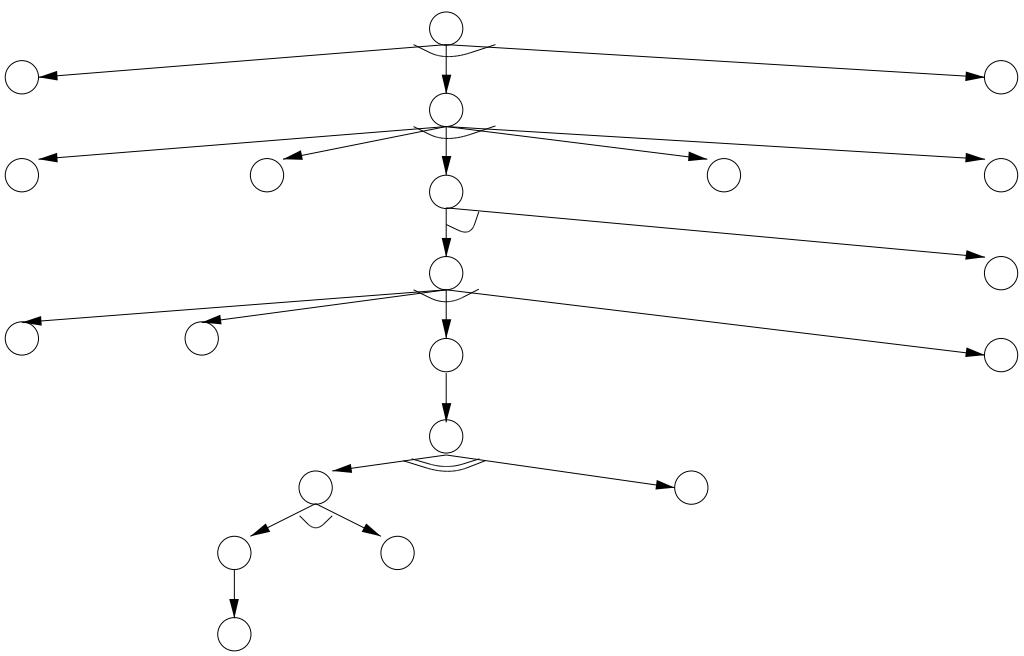
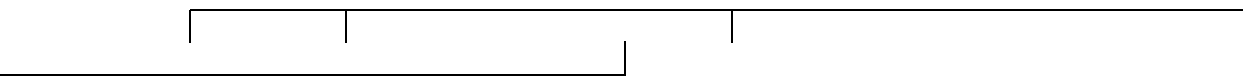
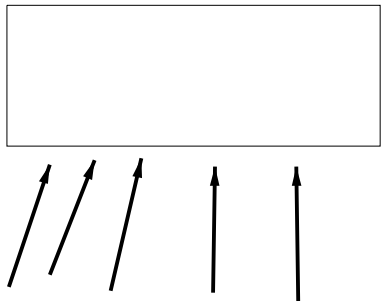
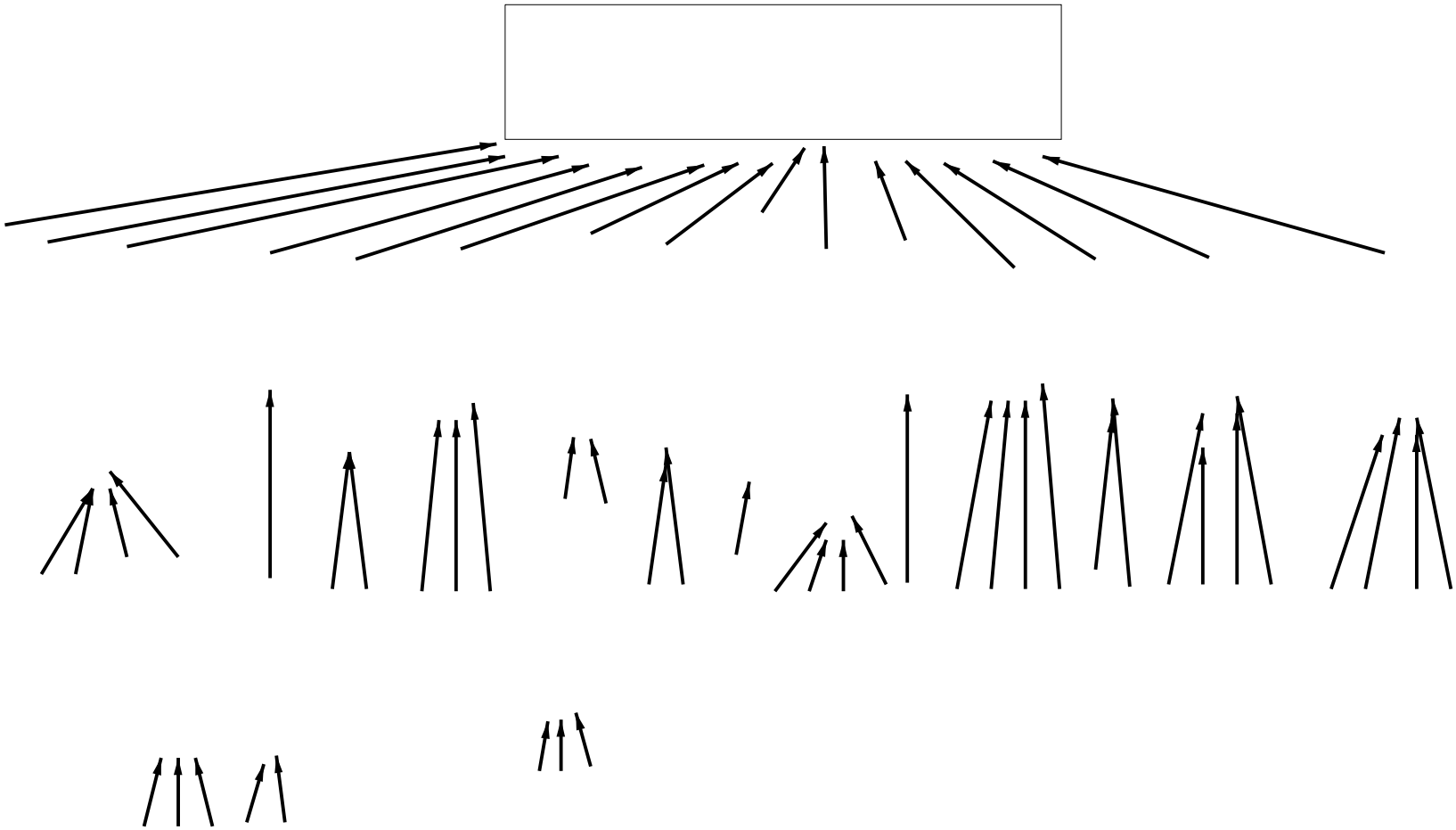
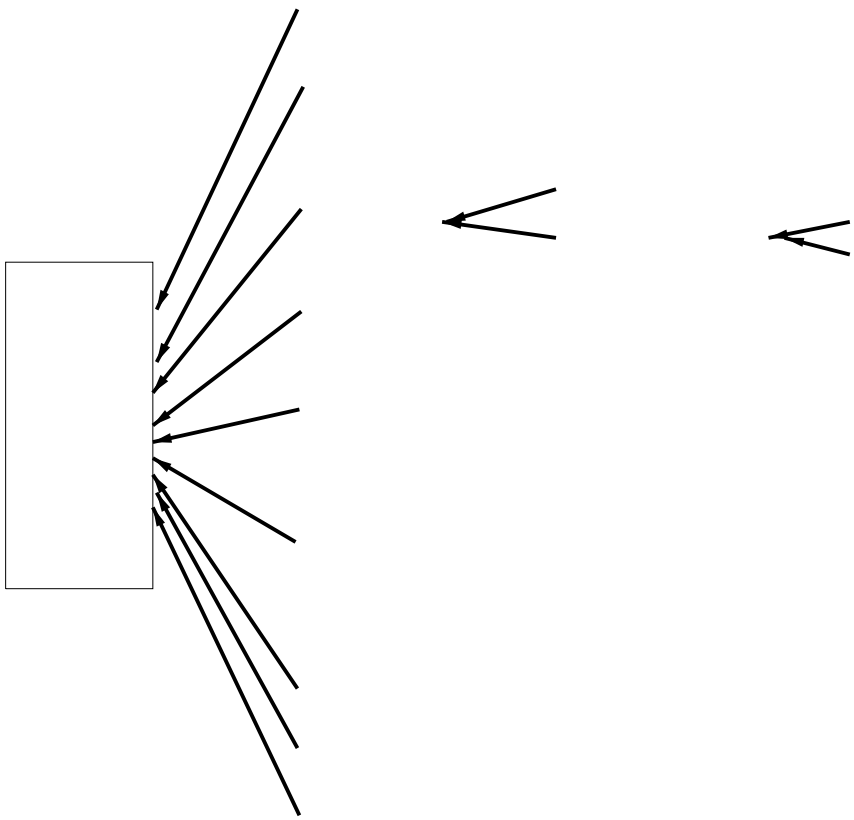

D S[attributes(Exp), Sec II, alwaysDisallowed]
U S[attributes(Summary), Sec II, ...]
D S[attributes(Reim-req), Sec II, ...]
A[Rec (Exp.reim-req); c]
U
CorrectInfoFlow [Exp.reim-req; c]
U
sub
Validation [Exp.reim-req]
S
-sup
ValidatedBy[Sec II, ...]
S
S
S
InformalClaim
["DCG: For those general tasks that require moderate experience, consider class II secretary."]
InformalClaim
["DCG: Careful examination is preferred for those materials that are directly related to issuing a cheque."]

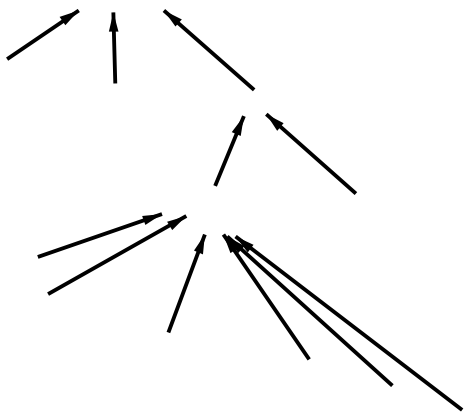


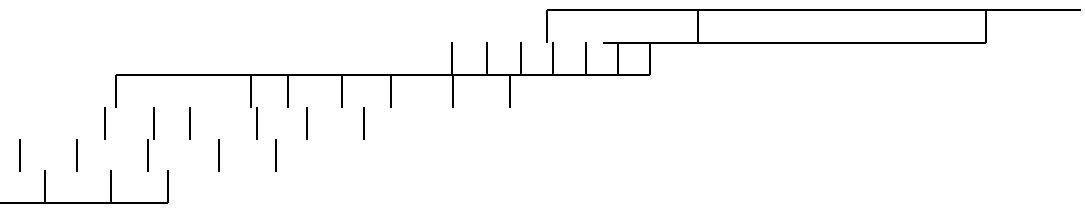


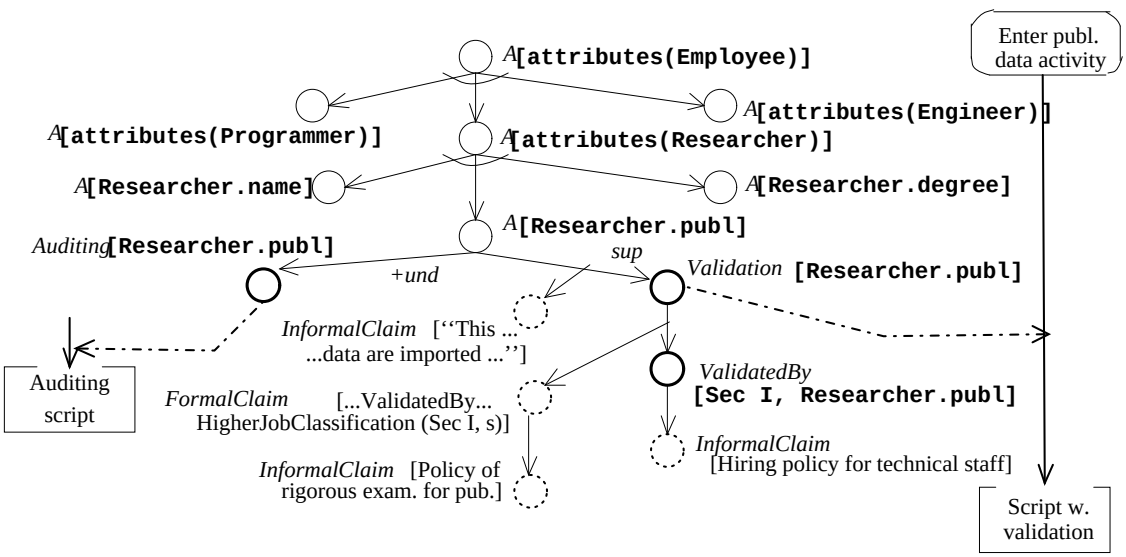








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A[attributes(Engineer)]
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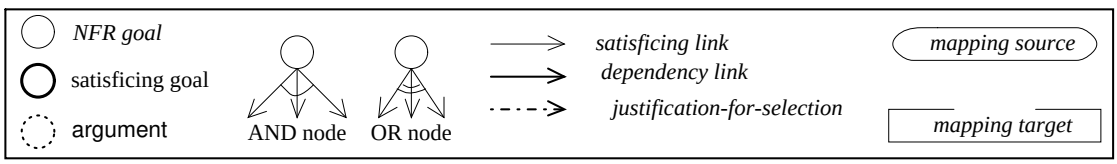
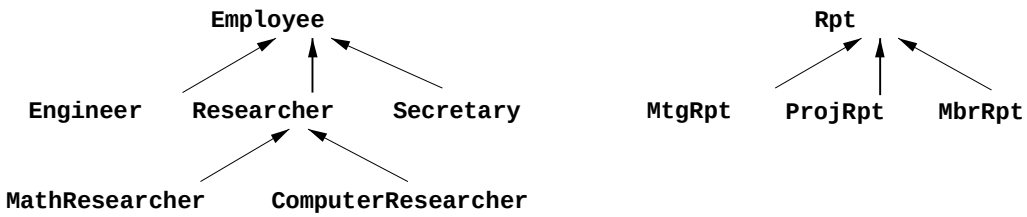
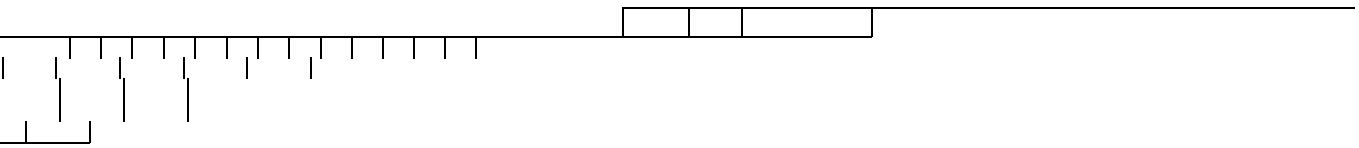
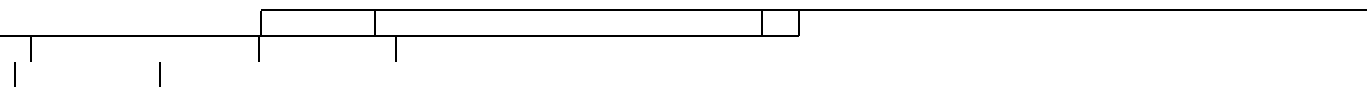
A[Researcher.degree]
A[Researcher.publ]
Auditing[Researcher.publ]
+und
sup
Validation [Researcher.publ]
InformalClaim ['‘This ... ...data are imported ...’’]
Auditing script
FormalClaim [...ValidatedBy... HigherJobClassification (Sec I, s)]
ValidatedBy [Sec I, Researcher.publ]
InformalClaim [Hiring policy for technical staff]
InformalClaim [Policy of rigorous exam. for pub.]
Script w. validation

Legend


NFR goal
satisficing goal
argument
AND node
OR node
satisficing link
dependency link
justification-for-selection
mapping source
mapping target


Employee
Engineer
Researcher
Secretary
MathResearcher
ComputerResearcher
Rpt
MtgRpt
ProjRpt
MbrRpt