xquery version "1.0";

declare namespace ext="http://www.altova.com/xslt-extensions";

(:

1.1

for $item in doc("Appointments.xml")//Beginn

order by $item/@datum ascending

return $item

:)

(:

1.2

<AlleSerientermine>

{

for $item in doc("Appointments.xml")/TerminListe/Termin[@serienTermin = 'ja']/Beginn

order by $item/@datum ascending

return $item

}

</AlleSerientermine>

:)

(:

1.3

for $item in doc("Appointments.xml")/TerminListe/Termin[@serienTermin = 'ja']/Beginn

order by $item/@datum ascending

return <SerienTermin>{$item}</SerienTermin>

:)

(:

1.4

for $item in doc("Appointments.xml")/TerminListe/Termin[@serienTermin = 'ja']

order by $item/Beginn/@datum ascending

return <SerienTermin>{$item/Beschreibung}</SerienTermin>

:)

(: 1.5

for $item in doc("Appointments.xml")/TerminListe/Termin[@serienTermin = 'ja']

order by $item/Beginn/@datum ascending

return if (exists($item/Beschreibung)) then <Termin>{$item/Beschreibung}</Termin>

else ()

:)

(: 1.6

let $items := distinct-values(doc("RoomList.xml")//Raum/Details[@sitzPlätze > 150])

return exists($items)

:)

(: 1.7

for $item in doc("Appointments.xml")/TerminListe/Termin[@serienTermin = 'ja']

order by $item/@datum ascending

return <SerienTermin ersteller="{$item/@terminErsteller}" erstellDatum="{$item/@erstellDatum}" verschiebbar="{$item/@verschiebbar}">{$item/Beschreibung}</SerienTermin>

:)

(: 1.8

for $item in doc("Appointments.xml")/TerminListe/Termin

order by $item/@datum ascending

:)

(: 1.9

for $item in doc("PersonList.xml")/PersonenListe/Person

order by $item/@id ascending

return <Person name="{$item/@vorname}" anzahlTermine="{sum($item/TerminEintrag/@terminNr)}"></Person>

:)

(: 1.10

for $item in distinct-values(doc("PersonList.xml")//TerminEintrag/@terminNr)

return element{concat('T', $item)}

{

for $person in doc("PersonList.xml")//Person

where $item = $person/TerminEintrag/@terminNr

return $person

}

:)

(: 1.11

for $item in doc("Appointments.xml")//Termin

return <Termin number="{$item/Nummer}" terminErsteller="{$item/@terminErsteller}" erstellDatum="{$item/@erstellDatum}" verschiebbar="{$item/@verschiebbar}" serienTermin="{$item/@serienTermin}">{$item/(\* except Nummer)}</Termin>

:)

(: 1.12

for $appointment in doc("Appointments.xml")/TerminListe/Termin, $person in doc("PersonList.xml")//Person

where $appointment/@terminErsteller = $person/@id

return <Person id="{$person/@id}" vorname="{$person/@vorname}" nachname="{$person/@nachname}" terminBeschreibung="{$appointment/Beschreibung}" ></Person>

:)

(: 1.13

for $appointment in doc("Appointments.xml")/TerminListe/Termin, $person in doc("PersonList.xml")//Person

return <Person id="{$person/@id}" vorname="{$person/@vorname}" nachname="{$person/@nachname}">{$appointment/(Beginn, Ende, Dauer, Beschreibung, Benachrichtigung)}</Person>

:)

(: 1.14

for $person in doc("PersonList.xml")//Person

return <Person id="{$person/@id}" vorname="{$person/@vorname}" nachname="{$person/@nachname}">

<TerminEinträge>

{

for $item in doc("Appointments.xml")/TerminListe/Termin[Nummer = $person/TerminEintrag/@terminNr]

return <Termin nummer="{$item/Nummer}">{$item/(Beginn, Ende, Dauer, Beschreibung, Benachrichtigung)}</Termin>

}

</TerminEinträge></Person>

:)

(: 1.15 ??????????????

for $appintment in doc("Appointments.xml")//Termin,

$person in doc("PersonList.xml")//Person,

$room in doc("RoomList.xml")//Raum

where ($appintment/Nummer = $person/TerminEintrag/@terminNr)

and ( $person/TerminEintrag/@terminNr = $room/Belegung/@terminNr)

return <Termin beschreibung="{$appintment/Beschreibung}" teilnehmer="{concat($person/@nachname, concat(' ', $person/@vorname))}" raum="{$room/@id}"></Termin>

:)

(: 1.16

for $room in doc("RoomList.xml")//Raum

return <Raum nummer="{$room/@id}">

{

for $appointment in doc("Appointments.xml")//Termin[Nummer = $room/Belegung/@terminNr]/Beschreibung

return $appointment

}

</Raum>

:)

(: 1.17 :)

for $appointment in doc("Appointments.xml")//Termin

return if ($appointment/@verschiebbar = 'ja' and $appointment/@serienTermin = 'ja') then (

<Verschiebbar\_Serie>{concat($appointment/Nummer, (

if (exists($appointment/Beschreibung)) then (

concat(' ', $appointment/Beschreibung)

)

else ()))}</Verschiebbar\_Serie>

)

else if ($appointment/@verschiebbar = 'ja' and $appointment/@serienTermin = 'nein') then (

<Verschiebbar\_KeineSerie>{concat($appointment/Nummer, (

if (exists($appointment/Beschreibung)) then (

concat(' ', $appointment/Beschreibung)

)

else ()))}</Verschiebbar\_KeineSerie>

)

else if ($appointment/@verschiebbar = 'nein' and $appointment/@serienTermin = 'ja') then (

<NichtVerschiebbar\_Serie>{concat($appointment/Nummer, (

if (exists($appointment/Beschreibung)) then (

concat(' ', $appointment/Beschreibung)

)

else ()))}</NichtVerschiebbar\_Serie>

)

else if ($appointment/@verschiebbar = 'nein' and $appointment/@serienTermin = 'nein') then (

<NichtVerschiebbar\_KeineSerie>{concat($appointment/Nummer, (

if (exists($appointment/Beschreibung)) then (

concat(' ', $appointment/Beschreibung)

)

else ()))}</NichtVerschiebbar\_KeineSerie>

)

else ()