PSI Working Group:
*Alan Berkema   *Gail Songer   Dave Hall
*Jerry Thasher   *Harry Lewis   Ted Tronson
 Peter Mierau   *Peter Zehler   Paul Tykodi
 Bob Taylor   Don Levinstone   Lee Farrell
 Don Wright   Kirk Ocke   *Ira Mcdonald
*Amir Shahindoust

* = attendance

07/30/02 Agenda
1) Review 07/23/02 minutes

Minutes:
1) Items discussed copied from 07/23/02 minutes with
change tracking turned on.

Next we looked at GetServiceAttributes and exactly what this should return?
This folded into GetSelfDescribingServiceAttributes which we decided
was better named GetServiceAttributeMetaData. Discussion on whether the return
should
be an instance document or a schema and do we need both methods? Can we align
the two
so we do have two different methods with different levels of return values.

Decided that if we return a Schema we can have only one method and for PSI 1.0
it would
return a Schema with base level attributes. The Schema could be extended with
Meta Data (self describing type of features) in the future (beyond PSI 1.0).And
Constraints.

Confirmed that with the above conclusions we really only need the one
method GetServiceAttributes. Peter stated that he will send out the next
revision of the Semantic model by the end of the week. From this we can choose
the attributes that we need for the Service Attribute Object structure. Ira
stated that it would be nice to have some minimal set of attributes that would
be required for each Object Structure and perhaps some well known set of
operations used by each implementation of the Semantic model. Peter said that
this requires discussion and we may try to have a common set that is encouraged
by a strong recommendation. Also if an Attribute from the model is used it must
adhere to the Semantic rules.

What is UPDFs role in this?
How will UPDF harmonize with the semantic model?

Talked about the PSI dependency on the semantic model vs. the PSI schedule.
Decided that the amount of work involved with the semantic model and it's
similar schedule will not add an unreasonable risk to PSI.

Determined that formal notification/eventing methods will not be included in
the PSI 1.0 spec. Could be considered in a following revision.

When we reviewed the Target Interface we observed that PostStatus,
PostJobStatus,
PostDocumentStatus are really a lot like a Notifications.
We could call these simple notifications and include a Boolean in CreateJob

that indicates whether or not the notifications were desired.

Formal Notifications, that we decided were post PSI 1.0, would include
Notification subscriptions and Cancel subscription methods that add complexity.

However if we model our post status as simple notifications then they would
naturally fit with the Formal notifications in the future.
Simple notifications would only be associated with the life of a CreateJob .

Ira took an action to provide information about what IPP uses for
notification payload, things like JobState, JobStateReasons and
various counters. Simple notifications will limit the payload values.
Status: Done.

Will use the base set of IPP notification attributes related to the Job and the
Target Device. These are fixed, cannot subscribe to attributes not specified in
the base set.

Notification shall persist for some period of time after LastDocument = True and
the Job Completes. Job MIB uses 60 secs Ira will verify.

Ira will work to turn the Notification attributes he sent out into XML.

Alan
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0) Job Control Interface starting to stabilize

Work Remaining Overview:
1) Finalize reference and Target Device Schemas
2) Attributes: PSI has Job, Document, and Processing (template)
Need to help with and leverage the PWG semantic model attributes
3) Discovery, PS and the target Devices a PS knows about?
4) Revisit Target Device Interface
5) Status code, hoping that this will also be part of the PWG
semantic model for leverage
6) Event Notification
7) Security

Finish all that and PSI is done :)

New 6/11/02 Actions:
1) Referenc schema work user name, passwd, certifiacte
and e-mail elements.
Owner: Kirk:
2) Investigate original thougts on time attribute with Bluetooth folks
Owner: Alan
3) Examine Use Models for Job Control interface implemenation
owner: Dave

Thanks,
Alan