ProcessAgentProxy

The ProcessAgent Interface is implemented by all iLab interactive services and is responsible for managing the credentials used for authentication and authorization between services. See Ticketing API for details.

The following operations are supported. For a formal definition, please review the **Service Description**.

- **CancelTicket**
  Cancel the ticket. This call is always from a ServiceBroker, if the receiver is a ServiceBroker but is not the redeemer the header is repackaged and forwarded to the redeemer if known.

- **GetServiceTime**
  Get the services local DateTime.

- **GetStatus**
  Get a simple StatusReport from the service.

- **InstallDomainCredentials**
  Install the Domain credentials on this ProcessAgent. Please note this method depends on a 'bootstrap' ProcessAgent record in the database which must be created via the SelfRegistration page. This may only be called from a ServiceBroker. Also uses the initialPasskey value from Web.config as the header value.
  This service's connection and additional information is returned to the ServiceBroker.

- **ModifyDomainCredentials**
  Modify the specified services domain credentials on this ProcessAgent. Agent_guid is key to the service to be modified. The agentAuthorizationHeader must use the old values. This will only be called from a ServiceBroker to members of its domain, or to a different domain's ServiceBroker.

- **ModifyProcessAgent**
  Informs this processAgent that it should modify all references to a specific ProcessAgent. This is used to propagate modifications, between ProcessAgents.

- **Register**
  Register, is used to convey additional information between services. The ServiceBroker implementation is also used in Cross-Domain registration of services and clients

- **RemoveDomainCredentials**
  Remove this service from a domain.

- **RetireProcessAgent**
  Informs a ProcessAgent that it should retire/un-retire all references to a specific ProcessAgent. This is used to propagate retire calls, for this release un-retire is not supported.

- **StatusNotification**
  Send a status notification to this service, it is up to the implementing service to take action. Currently no action is taken.