Trustmanager and Util-java Update

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JRA1 All-Hands meeting

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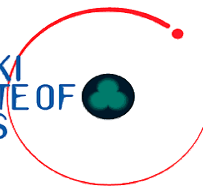
- **Mostly rewritten cert path checking**

- **Namespace checking**

  – Prefers EUGridPMA .namespaces

  – Supports globus .signing_policies

- **Slightly more performant**

  – Speedup was pretty much eaten by namespace cheking

- **Can handle finally other than .0 CA certs and .r0 crls**

- **Periodic polling for changes in (before only CRLs)**

  – CAs, Namespaces, CRLs

- **Still missing certificate extension checking**

- **Tomcat configuration change needed**

Enabling Grids for E-sciencE

- **Easy to use generator for legacy and RFC 3820 certificates**

- **Support for setting policies in RFC 3820 proxies e.g:**
  - Limited proxy, inherit-all, independent

- **New supported extensions:**
  - Informal proxy tracking extension (from - to urls)
  - To restriction (only allowed to be used to authenticate to a set IP space)
  - From restriction (only allowed to be used to authenticate from a set of IP addresses)
  - Do we need one for job ID/CREAM secret?

- **Still being developed/tested**

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Enabling Grids for E-sciencE

- **Splitting tomcat plugin out of the trustmanager**

  – Trustmanger-tomcat.jar only needed for tomcat installation

- **Splitting Axis plugin out or trustmanager and util-java**

  – Trustmanager-axis.jar only needed by webapps and clients

  – Tomcat needed during build to get servlet-api.jar

- **Axis2 plugin is already separate**