IMPLEMENTATION OF WIPO STANDARD ST.90 BY THE EURASIAN PATENT OFFICE

Committee on WIPO Standards (CWS), Twelfth session

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EAPO | EURASIAN PATENT OFFICE

Web services developed by EAPO

- **EAPO-ONLINE e-filing and document exchange tool**
  online filing, applicant's dashboard, notifications, application-related documents' exchange

- **Common Eurasian IP Register**
  integration with open IP registers of:
    - Intellectual Property Agency of Azerbaijan – done
    - Kyrgyzpatent – in progress
    - Rospatent – in progress

- **General Documents Exchange Tool**
  secure document exchange between EAPO and national IPOs of EAPC Contracting States

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Future plans

- **Common Eurasian IP Register**
  integration with all national IPOs of EAPC Contracting States

- **Eurasian Pharmaceutical Register**
  national patent data updates

- **EAPO Project on the Electronic Exchange of Priority Documents**
  secure document exchange platform

- **Legal Status of Eurasian Patents (for each EAPC Contracting State)**
  information tool for national IPOs of EAPC Contracting States

... and full compatibility with ST.90

ST. 90 recommendations in EAPO APIs

Provisions of ST. 90 followed by EAPO

- A server response is the representation of a resource
- Every request is independent from previous one
- Standard contract of HTTP methods: GET – retrieve data, POST – submit new data, PUT – update, DELETE – delete data
- Response body serialization to JSON or XML
- Standard response codes (200, 404, 403, 500 etc.)
- Resource path has hierarchical order, stand-alone resources are base paths, while dependent resources are subpaths
- Response with list of entities contains hypermedia links for each entity
- Pagination support
- Data sorting support
- Error responses contain technical details of error but avoid sharing security-sensitive information
- Open resources are available without authorization while others are available with authorization and authentication
- Standard OpenAPI documentation format

Provisions of ST. 90 not fully followed in current EAPO tools

- Versioning (resource link contains API version that server supports (deprecated and new versions of the API))
- Caching of immutable GET requests
- Headers for localized data (for example "Accept-Language")

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Use of APIs of other IP offices

- **PATENTSCOPE** (integration with EAPO e-filing, publication, e-dossier tools)

- **WIPO Sequence Validator** (local instance, integration with e-filing tool)

- **WIPO Translate** (local instance, integration with EAPATIS search system and publication server)

- **WIPO CASE** (in progress, documents upload and download)

- **The New Search Platform of Rospatent** (integration with EAPATIS search system)

THANK YOU!

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