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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

Geneva

TECHNICAL WORKING PARTY ON AUTOMATION AND COMPUTER PROGRAMS

**Thirty-Fourth Session
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A TOOL TO DEFINE REFERENCE COLLECTION

Document prepared by an expert from France

Disclaimer: this document does not represent UPOV policies or guidance

The Annex to this document contains a copy of a presentation on “A tool to define reference collection” that will be made at the thirty-fourth session of the Technical Working Party on Automation and Computer Programs (TWC).

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[Annex follows]

A tool to define reference collection

Shanghai Twc 34
June 2016



Principal objective

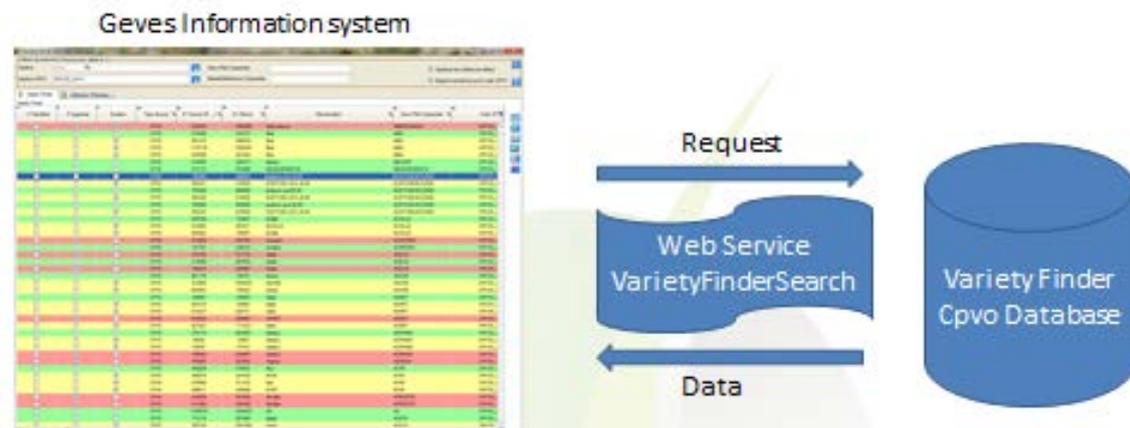
- Computerize the definition of these different steps



Main reasons

- Save time
- Harmonize the practice between species
- Be able to answer more easily and precisely the question : What was my reference collection at each time
- Tracability
- Be able to automate input data required by different computation process (Gaia, Coy,...)
- Set up connection between different Information System
- Centralize data

Selection of source for theoretical reference collection

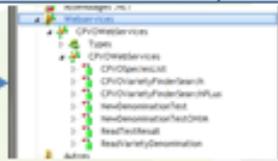


Technical specification of VarietyFinder Web services

Web service CPVOVarietyFinderSearchPlus	Remark
<p>Identify CPVOVarietyFinder search but this web service returns extra columns.</p> <p>This web service provides to the CPVO Variety Finder a new trademark name and the promoter of the test plus the variety code of the variety (optional). The web service runs a SQL command to search the trademark into the CPVO database taking into account the input system parameter and space code.</p> <p>In default, the user is receiving the list of the denomination returned by the searching tool.</p> <p>The user analyses the following parameters to be sent:</p> <ul style="list-style-type: none">• Denomination (to be tested)• Publication (to)• Species code of the variety (optional)• List of the variety status (optional)• Identifier of the variety (optional). The variety returned by CPVOVarietyFinderSearchPlus will be superior (1-3) to this value by default (no optional).• Number maximum of lines returned by the query (optional, 5000 by default) <p>The promoter of the test is determined by the country (to) and the publication (to). For example the test is limited to the denomination belonging to: the country 'Fr' and 'It' and the publications 'Pub (left to center right)' and 'Pub (optional left)'. which the input parameter the web service build the type of SQL statement :</p> <p>Search :>>>to be returned<<< From :>>>list of the table<<< Where :>>>denomination (like upper('variety')) And Publication in ('Publication Not government') And Upper(Species) like 'Agave' replace code parameter<<<</p>	<p>Nothing is recorded into the CPVO database, this web service is the equivalent to the searching tool of the CPVO variety finder web site.</p> <p>The number of lines returned by the SQL statement is limited to 50 000 lines.</p> <p>If you add % to the denomination tested that you can search all the denomination "beginning with" or "containing" the denomination. The parameter Species works the same way. Example</p> <p>The parameters Species=405% and Denomination=led+*% will generate the SQL command</p> <p>Select :>>>columns to be returned<<< From :>>>list of the table<<< where Upper(Denomination) like upper('variety') And Upper(Species) like '405%' And VarietyStatus in ('PublicationNotGovt')</p>

Include it in your own development tool

Call it in your own program



```
VI_Rep_WebS = ChaIn(VarUTS)(CPVOWebServices.CPVOVarietyFinderSearchPlus(P_Login,Vpoo_St_Pwd,"",P_Rep_Sp,"",P_Stat_Ver,P_Nb_Max))
```

General process

