



AQDL, 2.1 and beyond

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May 2019



IVOA interop meeting
Observatoire de Paris, May 2019



ADQL 2.1

Waiting for 2nd implementation

**People are working on a Java implementation
but this is not an exclusive club**

No new changes to the specification

**Small corrections to the BNF and
the document are pending**





ADQL 2.1

LaTeX source and ivoatex links moved to GitHub

<https://github.com/ivoa-std/ADQL>

Thanks to the work by Ole Streicher





ADQL 2.n - Reserved works

Common functions

UPPER, LOWER, DEGREES, RADIANS

Useful safety feature ?

Prevents non-standard implementations

Remove from the reserved list when they are added to the standard. (todo LOWER)





ADQL 2.n - Reserved works

SQL keywords

GRANT, INSERT, UPDATE

Useful safety feature ?

Prevents non-standard implementations

Is there ANY use case for releasing these ?





ADQL 2.n - Reserved works

Words already used by data providers

PUBLIC, FIRST

Review and allow one at a time ?

Caveat, we may need to reverse the decision if it causes conflicts.



ADQL 2.n – PEG grammar

YAY – totally agree we need this

How do we manage the technical stuff ?

If the PEG replicates the 2.1 standard 100%

Is this a minor version number ADQL-2.2 ?

ADQL 2.n – PEG grammar

YAY – totally agree we need this

The PEG grammar would become part of the standard

Would we need two independent parser implementations for it to become the standard ?

Is the PEG validation code ‘implementation code’, or is it just infrastructure, like ivoatex ?



Thanks

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