

# EXTYLES TO THE RESCUE!

Administrative Code, DITA and an “XML-first”  
experiment that didn't work so well

# THE CONNECTICUT EREGULATIONS SYSTEM

We integrated administrative code with regulation-making activity



- ▶ *Regulations of Connecticut State Agencies*
- ▶ Official legal material
- ▶ Highly structured (defined multi-level lists)
- ▶ Can be technical: including tables, graphics, equations
- ▶ Published in pdf& html on our public portal

# ADMINISTRATIVE CODE

- ▶ Defined by state statute (UAPA)
- ▶ Multiple points of review, revision and approval
- ▶ Real-time activity tracked on our public portal

## REGULATION-MAKING ACTIVITY



- ▶ Content re-use
  - ▶ code → proposed regulations
  - ▶ Proposed regulations → code

HOW WE INTEGRATE

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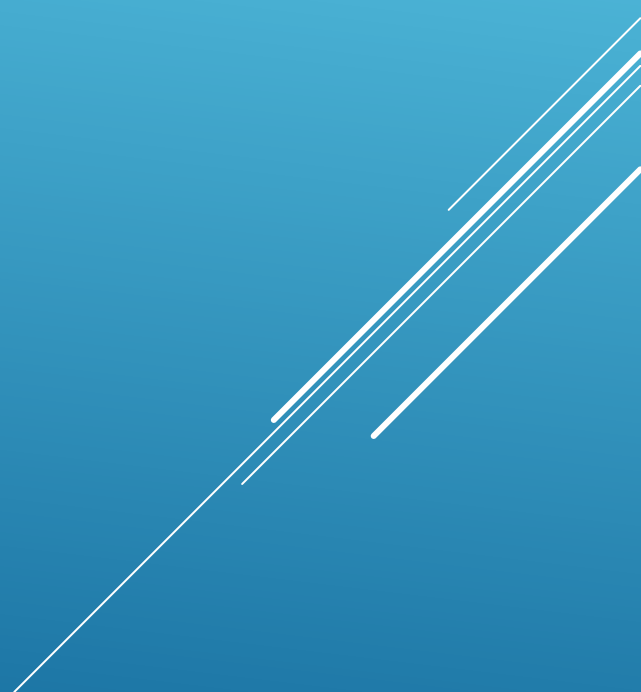
- ▶ IBM FileNet (ECM)
- ▶ Case Manager
- ▶ DITA XML
- ▶ Quark Publishing
- ▶ Quark XML Author (Word add-in)



## PIECES OF THE INTEGRATION

# THE XML-FIRST EXPERIMENT

We deploy QXA to eRegs users



Files authenticated and published

Proposed regulation is written and reviewed in Word

User creates case, downloads dita file from Case Manager

SOTS editors review pdf/html and make changes in dita as necessary

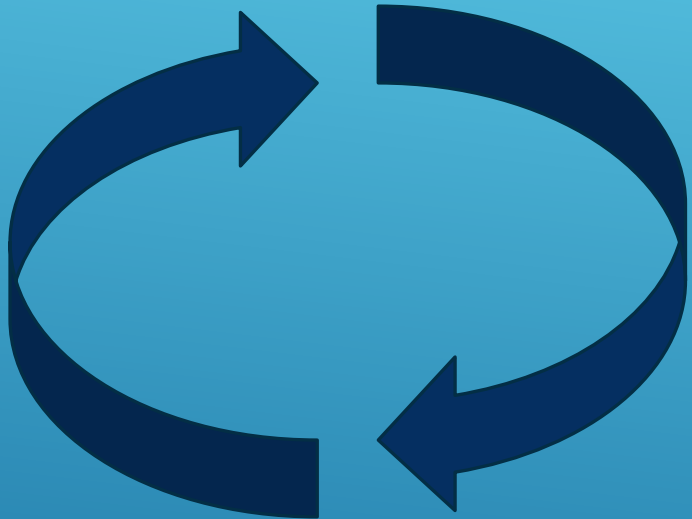
Using QXA:  
1) Pull existing text from FileNet to edit; or  
2) Add new text  
\*Manual or copy/paste from Word

PDF generated by QPP for collaboration, review and posting

QPP generates official output in pdf, html for posting on web and dita files for re-use

Changes made in dita using QXA

Coded routine cleans-up and prepares for codification

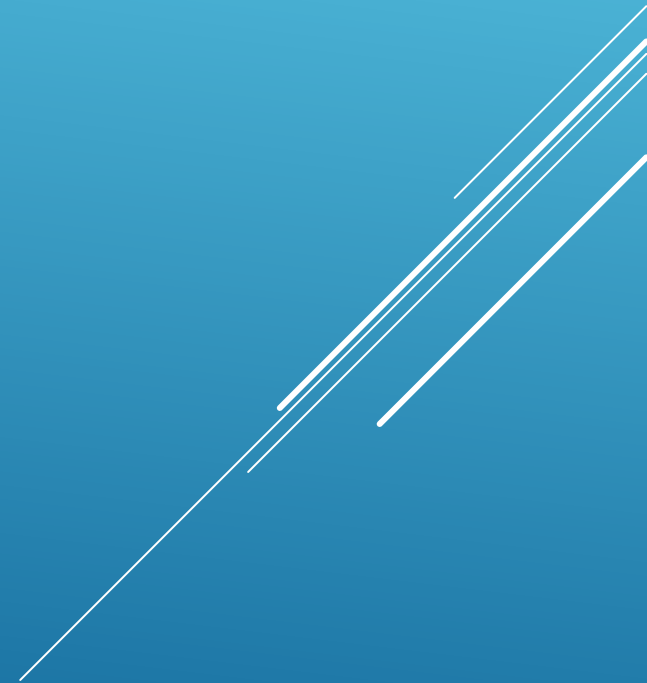




- ▶ Automate codification
- ▶ Enforce structure
- ▶ Intuitive



PROS?



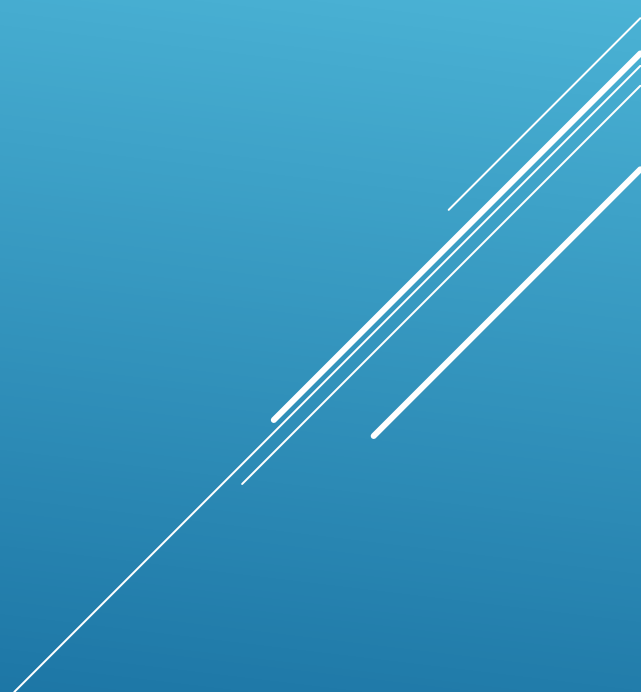


- ▶ High learning curve
- ▶ Collaboration issues
- ▶ Deployment woes
- ▶ Complexities in handling of multi-level files, permissions management, etc

CONS

# ENTER EXTYLES

There has to be a better way, right?



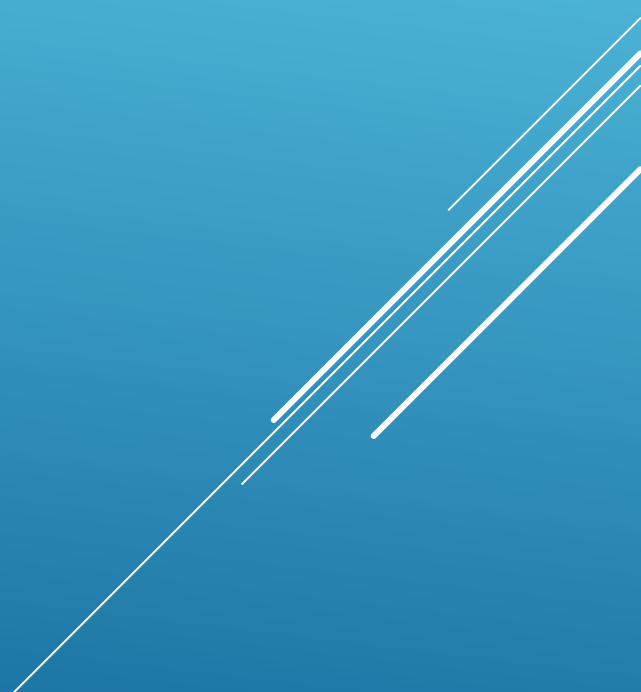
- ▶ Initial research suggested
  - ▶ XML drafting software had not improved much
  - ▶ Word to dita conversion continued to be problematic
- ▶ All hope seemed lost until Dita4Publishers made a reference to eXtyles...

## WHAT LED US TO EXTYLES



# EREGS PILOT

(I really hoped this would work)



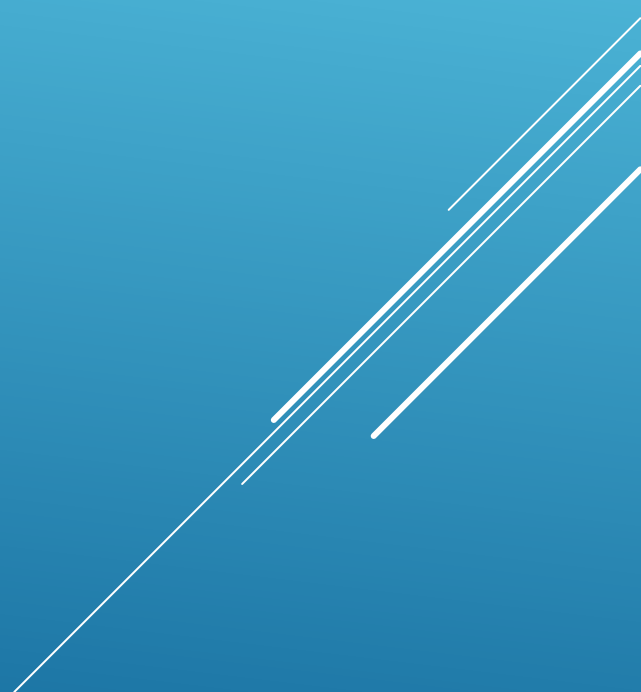
- ▶ Proof of concept
  - ▶ Will eXtyles work with dita XML and our schema?
  - ▶ Can we re-tool our workflow to incorporate eXtyles?
- ▶ Yes and yes!

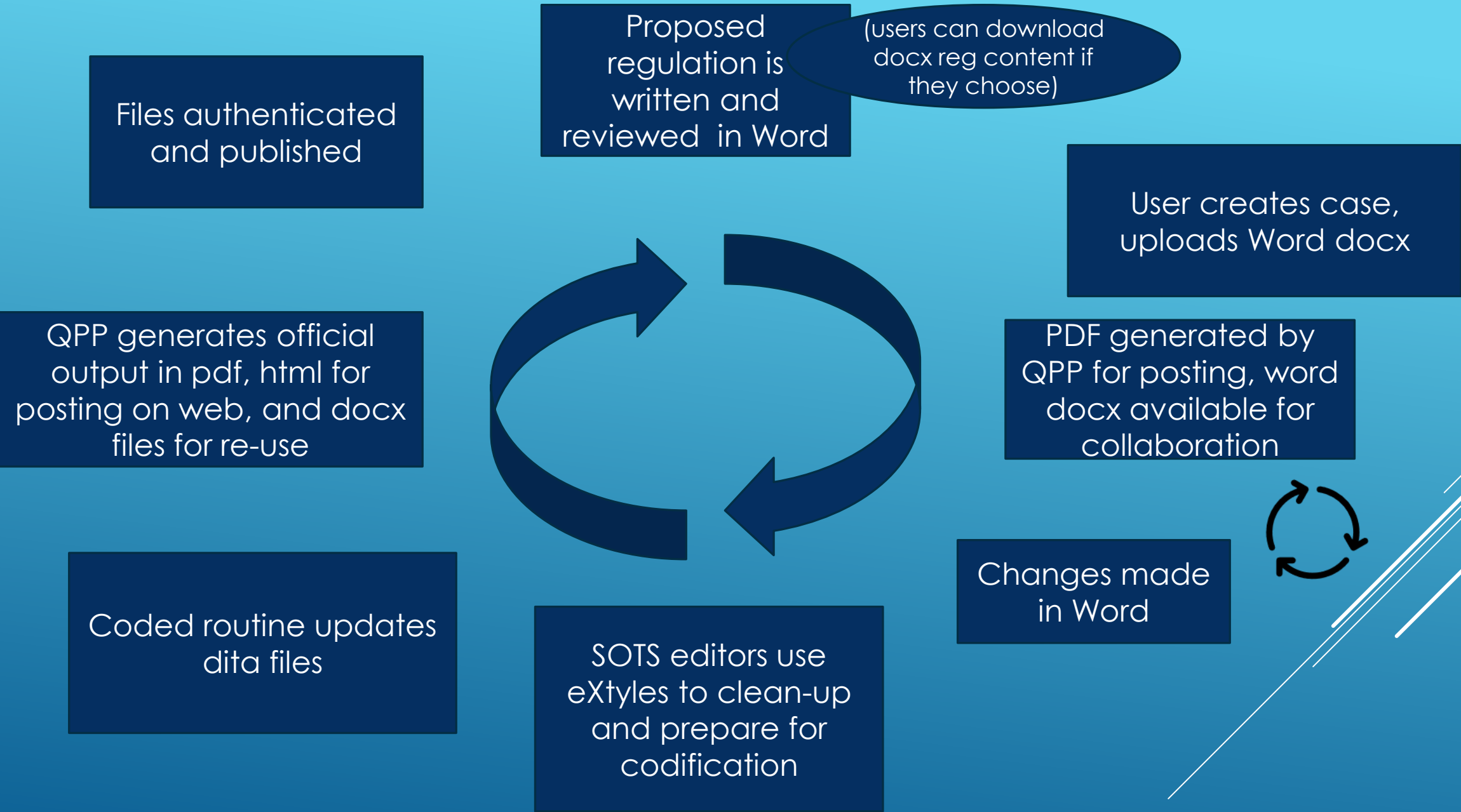


GOALS OF THE PILOT

# MOVING FORWARD

New workflow...







- ▶ Kristin Karr
- ▶ Publications Division Manager
- ▶ Office of the Secretary of the State
- ▶ 30 Trinity Street, Hartford, CT 06106
- ▶ Ph: 860-509-6009, Fx: 860-509-6131
- ▶ <http://portal.ct.gov/sots>

THANK YOU!

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